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ABSTRACT

The 2001 edition of the "Digest of Education Statistics" is the 37th in a series of publications initiated in 1962. Its purpose is to provide a compilation of statistical information covering the broad field of U.S. education from prekindergarten through graduate school. The "Digest" includes data form many sources, both government and private, and draws especially on the surveys and activities carried out by the National Center for Education Statistics. Information is provided on a number of subjects, including the number of schools and colleges, teachers, enrollments, libraries, and various aspects of educational finance. The "Digest" contains these chapters: (1) "All Levels of Education"; (2) "Elementary and Secondary Education"; (3) "Postsecondary Education"; (4) Federal Programs for Education and Related Activities"; (5) "Outcomes of Education"; (6) "International Comparisons of Education"; and (7) "Libraries and Educational Technology." Also included is a brief overview of current trends in U.S. education that supplements the tabular materials in chapters one through seven. The "Digest" concludes with an appendix that provides definitions and supplemental information. New material in this year's "Digest" includes information on the use of instructional approaches by kindergarten teachers, information on student-teacher ratios, and the percent distribution of elementary and secondary school students by average grades. (Contains 441 tables.) (SLD)

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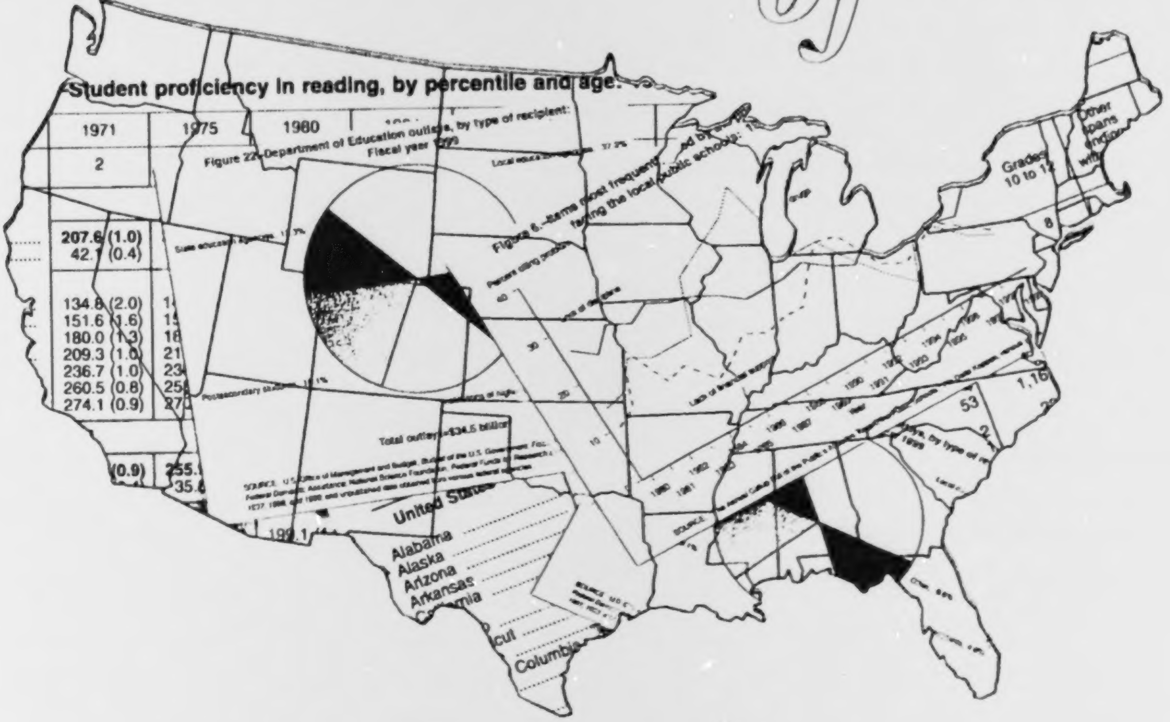
Student proficiency in reading, by percentile and age:
1971
1975
1980
2
Figure 22.—Department of Education outlays, by type of recipient: Fiscal year 1999
Total outlays=$34.5 billion
207.6 (1.0)
42.1 (0.4)
134.8 (2.0)
151.6 (1.6)
180.0 (1.3)
209.3 (1.6)
236.7 (1.0)
260.5 (0.8)
274.1 (0.9)
(0.9)
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United States
Alabama
Alaska
Arizona
Arkansas
Columbia
Grades 10 to 12
53
1.16
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1999

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Foreword

The 2001 edition of the *Digest of Education Statistics* is the 37th in a series of publications initiated in 1962. (The *Digest* has been issued annually except for combined editions for the years 1977–78, 1983–84, and 1985–86.) Its primary purpose is to provide a compilation of statistical information covering the broad field of American education from prekindergarten through graduate school. The *Digest* includes a selection of data from many sources, both government and private, and draws especially on the results of surveys and activities carried out by the National Center for Education Statistics (NCES). To qualify for inclusion in the *Digest,* material must be nationwide in scope and of current interest and value. The publication contains information on a variety of subjects in the field of education statistics, including the number of schools and colleges, teachers, enrollments, and graduates, in addition to educational attainment, finances, federal funds for education, libraries, and international education. Supplemental information on population trends, attitudes on education, education characteristics of the labor force, government finances, and economic trends provides background for evaluating education data. Although the *Digest* contains important information on federal education funding, more detailed information on federal activities is available from federal education program offices. For example, the Office of Bilingual Education and Minority Languages Affairs supports the National Clearinghouse on Bilingual Education, which compiles information on students and teachers involved in bilingual education.

The *Digest* contains seven chapters: "All Levels of Education," "Elementary and Secondary Education," "Postsecondary Education," "Federal Programs for Education and Related Activities," "Outcomes of Education," "International Comparisons of Education," and "Libraries and Educational Technology." Preceding these chapters is an introduction that provides a brief overview of current trends in American education, which supplements the tabular materials in chapters 1 through 7. The *Digest* concludes with an appendix that is divided into several sections. For example, information on the structure of the statistical tables is contained in the "Guide to Tabular Presentation." The "Guide to Sources" provides a brief synopsis of the surveys used to generate the tabulations for the *Digest.* Also, a "Definitions" section is included to help readers understand terms. In addition to updating many of the statistics that have appeared in previous years, this edition contains a significant amount of new material, including:

- Use of various instructional approaches by kindergarten teachers, table 50;
- Pupil/teacher ratio in public schools, by level and size of school, table 64;
- Percent distribution of elementary and secondary school children, by average grades, table 139.

Beginning in 2002, updates to some tables from the *Digest of Education Statistics* will appear on the NCES Web Site prior to printing. The *Digest* and other NCES reports can be accessed from http://nces.ed.gov. In particular, updates of tables based on the new Schools and Staffing Survey, will be posted to the *Digest* Web Site in the second quarter of 2002.

Valena White Plisko
Associate Commissioner,
Early Childhood, International, and Crosscutting
Studies Division
National Center for Education Statistics
February 2002

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Many people have contributed in one way or another to the development of the *Digest*. Thomas D. Snyder was responsible for the overall development and preparation of this edition of the *Digest*, which was prepared under the general direction of Valena Plisko.

Charlene M. Hoffman provided technical assistance in all phases of its preparation and was responsible for chapter 4, "Federal Programs for Education and Related Activities," and for tables on degrees conferred. William Sonnenberg provided statistical computing consultation on all phases of the report. Celestine Davis provided statistical assistance on a variety of materials. Debra Gerald and William Hussar prepared projections of school enrollment and finance statistics. William Hussar conducted a technical review. Marilyn McMillen, Chief Statistician of the National Center for Education Statistics (NCES), conducted the adjudication.

A number of individuals outside of NCES also expended time and effort on the *Digest*. Ben Young, Gray King, Satoshi Watanabe, Stephen Provasnik, Charmaine Llagas, and Kathryn Hoffman of the American Institutes for Research provided research and statistical analysis. Ellen Harkavy, Thea Kruger, Mary McLaughlin, David Miller, Michael Planty, Jason Sellers, and Molly Soule of the Education Statistics Services Institute (ESSI) of the American Institutes for Research assisted with the technical review of the document. Linda Darby in Media and Information Services provided editorial assistance. Jerry Fairbanks of ESSI managed the typesetting.

This year's edition of the *Digest* has received extensive reviews by several other individuals within and outside of the U.S. Department of Education. We wish to thank them for their time and expert advice. W. Vance Grant of the Office of Educational Research and Improvement and Rosemary Clark, U.S. Census Bureau, reviewed the entire document. NCES staff who reviewed portions of the manuscript were: Ilona Berkovits, Stephen Broughman, Janis Brown, Patricia Brown, Chris Chapman, Steve Gorman, Kerry Gruber, Frank Johnson, Frank Morgan, Taslima Rahman, John Sietsema, Jeff Williams, and Beth Young. The Office of the Deputy Secretary, Office of Intergovernmental and Interagency Affairs, Office of Vocational and Adult Education, Office for Civil Rights, and the Planning and Evaluation Service conducted agency reviews.

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INTRODUCTION

In the fall of 2001, about 68.5 million persons were enrolled in American schools and colleges (table 1). About 4.3 million were employed as elementary and secondary school teachers and as college faculty. Other professional, administrative, and support staff of educational institutions numbered 4.8 million. Thus about 78 million people were involved, directly or indirectly, in providing or receiving formal education. In a nation with a population of about 281 million, more than 1 out of every 4 persons participated in formal education (table 17).

Elementary/Secondary Enrollment

Enrollment in public elementary and secondary schools rose 20 percent between 1985 and 2001. The fastest public school growth occurred in the elementary grades, where enrollment rose 24 percent over the same period, from 27.0 million to 33.6 million (table 2). Private school enrollment grew more slowly than public school enrollment over this period, rising 7 percent, from 5.6 million in 1985 to 5.9 million in 2001. As a result, the proportion of students enrolled in private schools declined slightly, from 12 percent in 1985 to 11 percent in 2001.

Since the enrollment rates of kindergarten and elementary school age children have not changed much in recent years, increases in elementary school enrollment have been driven primarily by increases in the number of children. Public secondary school enrollments declined 8 percent from 1985 to 1990, but then rose 20 percent from 1990 to 2001, for a net increase of 10 percent.

The National Center for Education Statistics (NCES) forecasts record levels of total elementary and secondary enrollment for the next several years as the school-age population crests. The fall 2001 public school enrollment marks a new record, and new records are expected every year through the early 2000s (table 3). Public elementary school enrollments is projected to decline slowly until the later part of the decade and then increase, so that the fall 2011 projection is slightly lower than the 2001 enrollment. In contrast, public secondary school enrollment is expected to increase 3 percent between 2001 and 2011.

College Enrollment

College enrollment hit a record level of 14.8 million in fall 1999 and another record of 15.3 million is expected for 2001 (table 3). College enrollment is expected to increase by an additional 16 percent between 2001 and 2011. Despite decreases in the traditional college-age population during the 1980s and early 1990s, total enrollment increased because of the high enrollment rate of older women and recent high school graduates (tables 7, 15, 184, and 185). Between 1990 and 1999, the number of full-time students increased by 12 percent compared to no increase in part-time students (table 172).

Teachers

An estimated 3.6 million elementary and secondary school teachers were engaged in classroom instruction in the fall of 2001 (table 4). This number has risen in recent years, up about 29 percent since 1990. The number of public school teachers in 2001 was 3.1 million, and the number of private school teachers was about 0.4 million.

The number of public school teachers has risen slightly faster than the number of students over the past 10 years, resulting in small declines in the pupil/teacher ratio (table 65). In the fall of 2000, there were an estimated 16.0 public school pupils per teacher, compared with 17.2 public school pupils per teacher 10 years earlier. Over the same period, the pupil/teacher ratio in private schools decreased from 14.7 to 13.9. Data from the end of the 1990s suggest a continuation of the historical trend toward lower public school pupil/teacher ratios, which had been stable during the late 1980s and early 1990s.

The salaries of public school teachers, which lost purchasing power to inflation during the 1970s, rose faster than the inflation rate in the 1980s (table 77). Since 1990–91, salaries for teachers have generally maintained pace with inflation. The average salary for teachers in 2000–01 was $42,898, about the same in constant dollars as at the beginning of the decade.

Faculty and Staff in Postsecondary Education

In the fall of 1999, there were 1,028,000 faculty members in degree-granting institutions (table 228). Making up this figure were 591,000 full-time and 437,000 part-time faculty. In 1998, full-time instructional faculty and staff generally taught more hours and more students than part-time instructors, with 21 percent of full-time instructors teaching 15 or more hours per week and 13 percent teaching 150 or more students (table 233). About 9 percent of part-time instructors taught 15 or more hours per week, and 4 percent taught 150 or more students (table 234).

White males constituted a disproportionate share of full-time college faculty in 1999. Overall, about 54 percent of full-time faculty were white males. However, this distribution varied substantially by rank of faculty. Among full professors, the proportion of white males was 71 percent. The proportion was somewhat lower among the lower ranked faculty, with white males making up 40 percent of the lecturers (table 229).

Student Performance

Most of the student performance data in the *Digest* are drawn from the National Assessment of Educational Progress (NAEP). The NAEP assessments have been conducted using three basic designs. The main NAEP reports current information for the nation and specific geographic regions of the country. It includes students drawn from both public and nonpublic schools and reports results for student achievement at grades 4, 8, and 12. The main NAEP assessments follow the frameworks developed by the National Assessment Governing Board, and use the latest advances in assessment methodology

Since 1990, NAEP assessments have also been conducted on the state level. States that choose to participate receive assessment results that report on the performance of students in that state. In its content, the state assessment is identical to the assessment conducted nationally. However, because the national NAEP samples were not, and are not currently designed to support the reporting of accurate and representative state-level results, separate representative samples of students are selected for each participating jurisdiction/state.

NAEP long-term trend assessments are designed to give information on the changes in the basic achievement of America's youth since the early 1970s. They are administered nationally and report student performance at ages 9, 13, and 17 and in grades 4, 8, and 11 in writing. Measuring trends of student achievement or change over time requires the precise replication of past procedures. Therefore, the long-term trend instrument does not evolve based on changes in curricula or in educational practices.

Reading

Overall achievement scores on the long-term trend reading assessment for the country's 9-, 13-, and 17-year-old students are mixed. Reading performance scores for 9- and 13-year-olds were higher in 1999 than they were in 1971 (table 112). However, the 1999 scores were about the same as the 1984 scores. The reading performance of 17-year-olds was about the same in 1999 as it was in 1971.

Black 9-, 13-, and 17-year-olds exhibited higher reading performance in 1999 than in 1971. However, performance for all three age groups in 1984 was about the same as in 1999. The performance levels of white 9- and 13-year-olds also rose between 1971 and 1999. Separate data for Hispanics were not gathered in 1971, but changes between 1975 and 1999 indicate an increase in performance among 9-, 13-, and 17-year-olds. There was no significant difference between the 1984 and 1999 reading performance of 9-, 13-, and 17-year-old Hispanics.

Mathematics

Results from assessments of mathematics proficiency indicate that scores of 9-, 13-, and 17-year-old students were higher in 1999 than in 1973, but have remained unchanged since 1994. This pattern was similar for white, black, and Hispanic students (table 124).

A 2000 voluntary assessment of the states found that mathematics proficiency varied widely among eighth-graders in the 44 participating jurisdictions (39 states, American Samoa, Guam, Department of Defense overseas and domestic schools, and the District of Columbia) (table 128). Overall, 65 percent of these eighth-grade students performed at or above the Basic level in mathematics, and 26 percent performed at or above the Proficient level. Only four jurisdictions (one state, the District of Columbia, American Samoa, and Guam) had significantly fewer than 50 percent of students performing at least at the Basic level in math.

Science

Long-term changes in science performance have been mixed, though changes over the past 10 years have been generally positive (table 130). In 1999, science performance among 17-year-olds was lower than in 1969, but higher than in 1990. The science performance level of 13-year-olds in 1999 was about the same as the level in 1970 and in 1990. The science performance of 9-year-olds increased between 1970 and 1999, but there was no significant difference between 1990 and 1999.

International Comparisons

The Third International Mathematics and Science Study–Repeat (TIMSS–R), which was conducted in 1999 (4 years after the original TIMMS) focuses on the mathematics and science achievement of eighth-graders in 38 countries. In TIMSS–R, the international average score of the 38 participating countries was 487 in mathematics and 488 in science (tables 399 and 401). In 1999, U.S. eighth-graders on average scored higher in both mathematics and science than the international average of the 38 countries. In mathematics, the average U.S. score was higher than the score in 17 countries, similar to the score in 6 countries, and lower than the score in 14 countries. In science, the average U.S. score was higher than the score in 18 countries, similar to the score in 5 countries, and lower than the score in 14 countries in 1999.

Graduates and Degrees

The estimated number of high school graduates in 2000–01 totaled 2.8 million (table 103). Approximately 2.5 million graduated from public schools, and 0.3 million graduated from private schools. The number of high school graduates has declined from its peak in 1976–77 when 3.2 million people earned their diplomas. In contrast, the number of General Educational Development (GED) credentials issued rose from 331,000 in 1977 to 501,000 in 2000 (table 106). The dropout rate also declined over this period, from 14 percent of all 16- to 24-year-olds in 1977 to 11 percent in 2000 (table 108). Much of the decrease occurred between 1977 and 1990. The number of degrees conferred during the 2000–01 school year by degree level has been projected: 562,000 associate degrees; 1,209,000 bachelor's degrees; 428,000 master's degrees; 81,900 first-professional degrees; and 46,700 doctor's degrees (table 247).

The U.S. Census Bureau collects annual statistics on the educational attainment of the population. Between 1990 and 2000, the proportion of the adult population 25 years of age and over who had completed a high school rose from 78 percent to 84 percent, and the proportion of adults with a bachelor's degree increased from 21 percent to 26 percent. Over the same period, the proportion of young adults (25- to 29-year-olds) completing high school showed a small increase of about 2 percentage points to 88 percent in 2000, and the proportion completing bachelor's degrees rose from 23 percent to 29 percent (table 8).

Expenditures

Expenditures for public and private education, from kindergarten through graduate school (excluding postsecondary schools not awarding associate or higher degrees), are estimated at $700 billion for 2000–01 (table 30). The expenditures of elementary and secondary schools are expected to total $423 billion for 2000–01, while those of colleges and universities are expected to total $277 billion. The total expenditures for education are expected to amount to 7.1 percent of the gross domestic product in 2000–01, about the same percentage as in the recent past (table 29).

NOTE: Readers should be aware of the limitations of statistics. These limitations vary with the exact nature of a particular survey. For example, estimates based on a sample of institutions will differ somewhat from the figures that would have been obtained if a complete census had been taken using the same survey procedures. Although some of the surveys conducted by NCES are census-type surveys, all surveys are subject to design, reporting, and processing errors and errors due to nonresponse. More information on survey methodologies can be found in the "Guide to Sources" in the appendix. Price indexes for inflation adjustments can be found in table 35.

CHAPTER 1

All Levels of Education

This chapter provides a broad overview of education in the United States. It brings together material from preprimary, elementary, secondary, and postsecondary education, and from the general population to present a composite picture of the American educational system. Tables illustrate the total number of persons enrolled in school, the number of teachers, the number of schools, and total expenditures for education at all levels. This chapter also includes statistics on education-related topics such as educational attainment, family characteristics, population counts, and opinions about schools. Economic indicators and price indexes have been added to facilitate analyses.

Figure 1 shows the structure of education in the United States. It presents the three levels of education (elementary, secondary, and postsecondary) and gives the approximate age range of persons at each level. Pupils ordinarily spend from 6 to 8 years in the elementary grades, which may be preceded by 1 or 2 years in nursery school and kindergarten. The elementary school program is followed by a 4- to 6-year program in secondary school. Pupils normally complete the entire program through grade 12 by age 18.

High school graduates who decide to continue their education may enter a technical or vocational institution, a 2-year college, or a 4-year college or university. A 2-year college normally offers the first 2 years of a standard 4-year college curriculum and a selection of terminal vocational programs. Academic courses completed at a 2-year college are usually transferable for credit at a 4-year college or university. A technical or vocational institution offers postsecondary technical training leading to a specific career.

An associate degree requires at least 2 years of college-level work, and a bachelor's degree normally can be earned in 4 years. At least 1 year beyond the bachelor's is necessary for a master's degree, while a doctor's degree usually requires a minimum of 3 or 4 years beyond the bachelor's.

Professional schools differ widely in admission requirements and in program length. Medical students, for example, generally complete a 4-year program of premedical studies at a college or university before they can enter the 4-year program at a medical school. Law programs normally require 3 years of coursework beyond the bachelor's degree level.

Many of the statistics in this chapter are derived from the statistical activities of the NCES. In addition, substantial contributions have been drawn from the work of other groups, both government and nongovernment, as shown in the source notes of the appropriate tables. Information on survey methodologies is contained in the "Guide to Sources" in the appendix and in the publications cited in the source notes.

Enrollment and Teachers

Enrollment in elementary and secondary schools grew rapidly during the 1950s and 1960s and reached a peak in 1971 (table 3). This enrollment rise was caused by what is known as the "baby boom," a dramatic increase in births following World War II. From 1971 to 1984, total elementary and secondary school enrollment decreased every year, reflecting the decline in the school-age population over that period. After these years of decline, enrollment in elementary and secondary schools started increasing in fall 1985, and began hitting record enrollment levels in the mid-1990s (table 3).

Public school enrollment in kindergarten through grade eight rose from 29.9 million in fall 1990 to an estimated 33.6 million in fall 2001. Enrollment in the upper grades rose from 11.3 million in 1990 to 13.6 million in 2001. The growing numbers of young pupils that have been filling the elementary schools will cause some increases at the secondary school level during the next 10 years. Between fall 2001 and fall 2011, public elementary enrollment is expected to remain fairly stable, while public secondary school enrollment is expected to rise by 3 percent. Public school enrollment is projected to set new records every year until 2005.

The proportion of students in private schools has changed little over the past 10 years, remaining around 11 percent. The percentage of college students who attended private colleges and universities ranged between 21 and 23 percent between 1991 and 2001. In 2001, about 5.9 million students were enrolled in private schools at the elementary and secondary levels and 3.5 million students in degree-granting institutions (table 3).

College enrollment decreased from 14.5 million in fall 1992 to 14.3 million in fall 1995, but has increased since then. Total college enrollment is expected to increase for the next 10 years, as increasing numbers of high school graduates pursue postsecondary education.

School attendance rates among 5- to 17-year-olds have remained relatively steady over the past 10 years. The proportion of 20- to 24-year-olds enrolled in school rose from 29 percent to 32 percent during the same time period (table 6). The enrollment rates for the 3- to 34-years-old age group have been more heavily affected by the changing age distribution of the population, than by changes in enrollment rates at specific ages.

Educational attainment has risen in the adult population. In 2000, 84 percent of the population 25 years old and over had completed high school and 26 percent had completed 4 or more years of college. This is higher than in 1990, when 78 percent had completed high school and 21 percent had 4 years of college (table 8). In 2000, about 6 percent of persons 25 years old or over held a master's degree as their highest degree, more than 1 percent held a professional degree (e.g., medicine or law), and 1 percent held a doctor's degree (table 9).

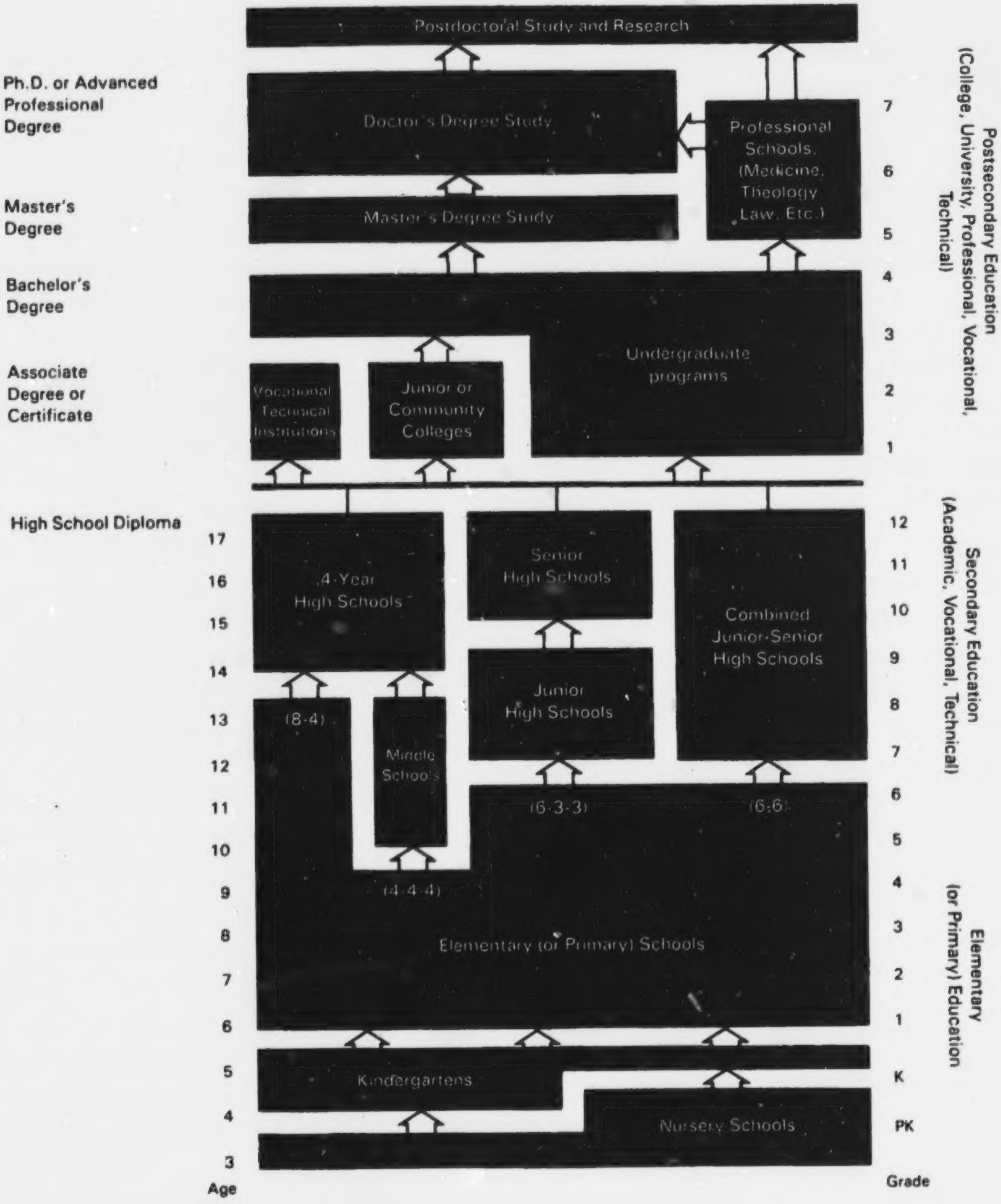
An estimated 3.6 million elementary and secondary school teachers were engaged in classroom instruction in the fall of 2001 (table 4). This number has risen about 29 percent since 1990. The number of public school teachers in 2001 was about 3.1 million and the number in private schools was estimated at 0.4 million.

Expenditures

Education expenditures rose to an estimated high of $700 billion in the 2000–01 school year. Elementary and secondary schools spent about 60 percent of this total, and colleges and universities accounted for the remaining 40 percent (table 29). Elementary and secondary schools and colleges and universities spent an estimated 7.1 percent of the gross domestic product in 2000–01.

The proportion of total federal, state, and local government funds spent on education declined between 1980–81 and 1990–91, at least partly as a result of the drop in elementary and secondary enrollment in the early part of the decade and the expansion of other governmental services. Between 1990–91 and 1994–95, the proportion of government funds spent on education rose, from 18.5 to 19.9 percent, as a result of increased state and local government spending on all functions and an increase in federal funds for education (table 31). Of the 1997–98 state and local funds spent on education, about 71 percent went to elementary and secondary schools, 25 percent to colleges and universities, and 4 percent to other education programs (table 32).

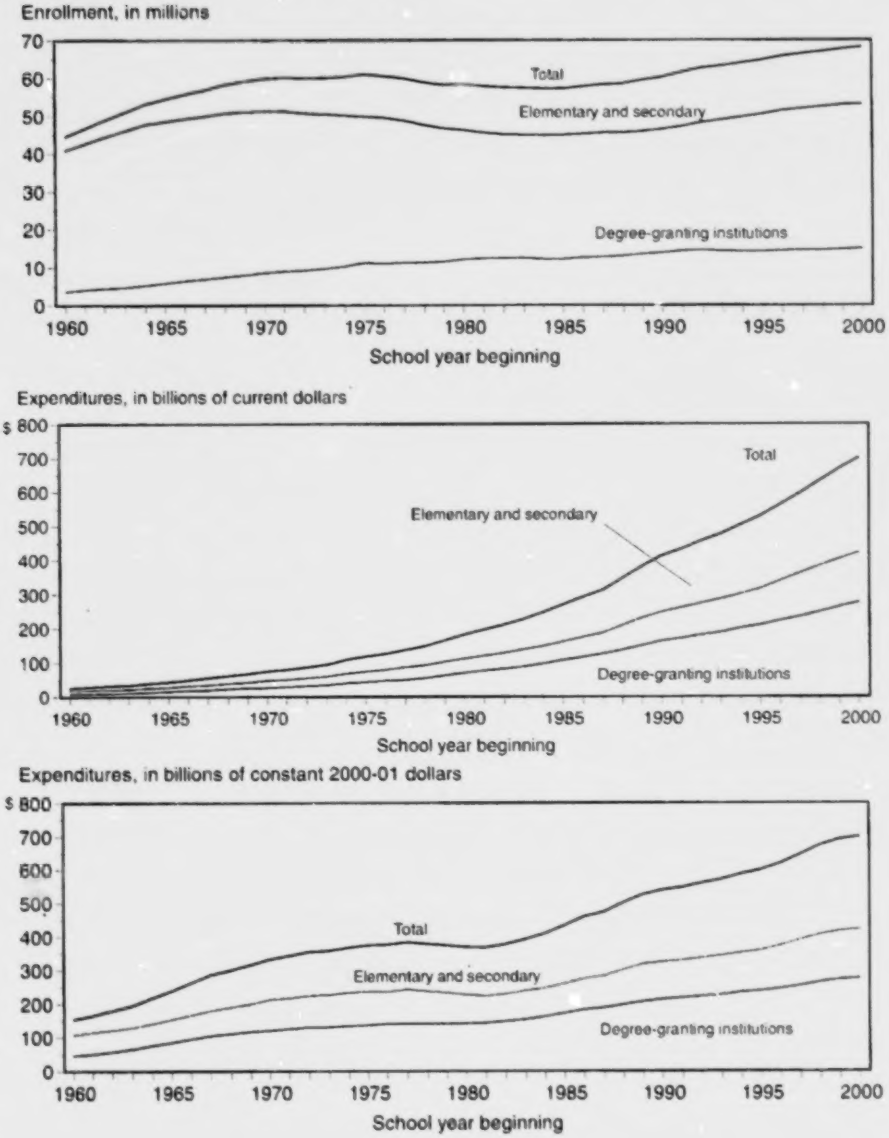
Figure 1.—The structure of education in the United States


Postdoctoral Study and Research
Ph.D. or Advanced Professional Degree
Doctor's Degree Study
Professional Schools. (Medicine, Theology, Law, Etc.)
Master's Degree
Master's Degree Study
Bachelor's Degree
Undergraduate programs
Associate Degree or Certificate
Vocational Technical Institutions
Junior or Community Colleges
High School Diploma
4-Year High Schools
Senior High Schools
Combined Junior-Senior High Schools
Junior High Schools
Middle Schools
(8-4)
(6-3-3)
(6-6)
(4-4-4)
Elementary (or Primary) Schools
Kindergartens
Nursery Schools
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
Age
7
6
5
4
3
2
1
12
11
10
9
8
7
6
5
4
3
2
1
K
PK
Grade
Postsecondary Education (College, University, Professional, Vocational, Technical)
Secondary Education (Academic, Vocational, Technical)
Elementary (or Primary) Education

NOTE—Adult education programs, while not separately delineated above, may provide instruction at the elementary, secondary, or higher education level. Chart reflects typical patterns of progression rather than all possible variations.

SOURCE: U.S. Department of Education, National Center for Education Statistics.

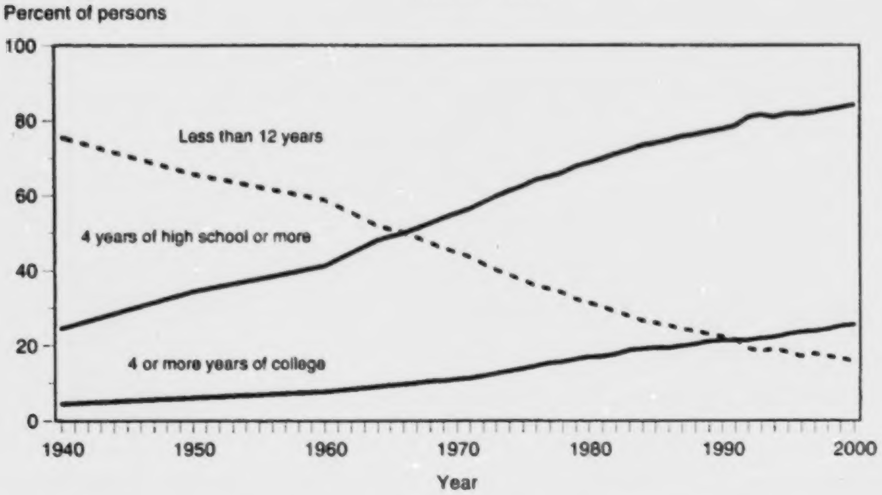
Figure 2.–Enrollment and total expenditures in current and constant dollars, by level of education: 1960–61 to 2000–01



NOTE: Data for 1999-2000 are preliminary and data for 2000-01 are estimates.

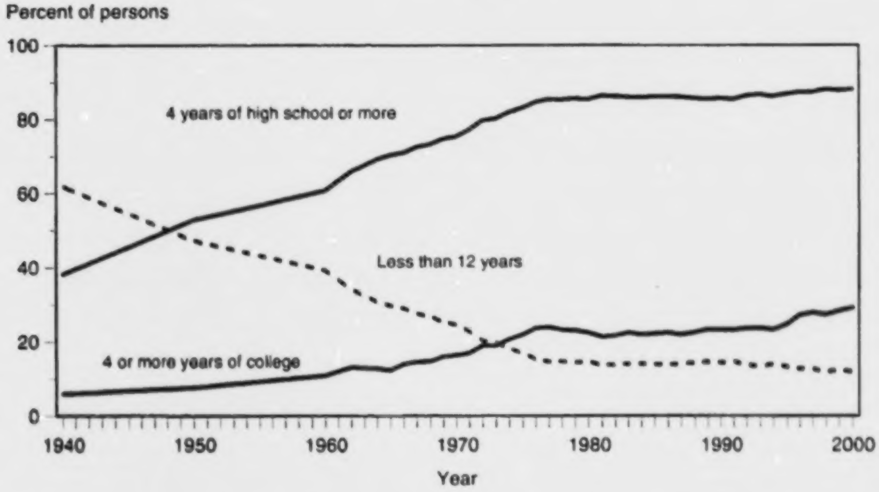
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Statistics of Public Elementary and Secondary School Systems; Statistics of Nonpublic Secondary Schools; Statistics of Nonpublic Elementary and Secondary Schools; Revenues and Expenditures for Public Elementary and Secondary Education; Fall Enrollment in Institutions of Higher Education; Financial Statistics of Institutions of Higher Education;* Common Core of Data surveys; and Integrated Postsecondary Education Data System surveys.

Figure 3.–Years of school completed by persons 25 years old and over: 1940 to 2000



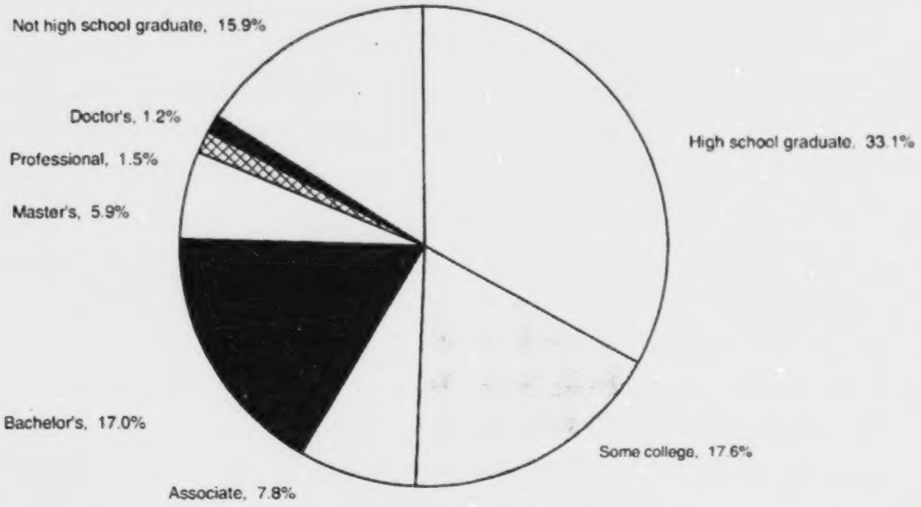
SOURCE: U.S. Department of Commerce, Bureau of the Census, *1960 Census of Population*, Volume 1, part 1; and *Current Population Reports*, Series P-20; and Current Population Survey, unpublished data.

Figure 4.–Years of school completed by persons 25 to 29 years of age: 1940 to 2000



SOURCE: U.S. Department of Commerce, Bureau of the Census, *1960 Census of Population*, Volume 1, part 1; and *Current Population Reports*, Series P-20; and Current Population Survey, unpublished data.

Figure 5.–Highest level of education attained by persons 25 years and older: March 2000

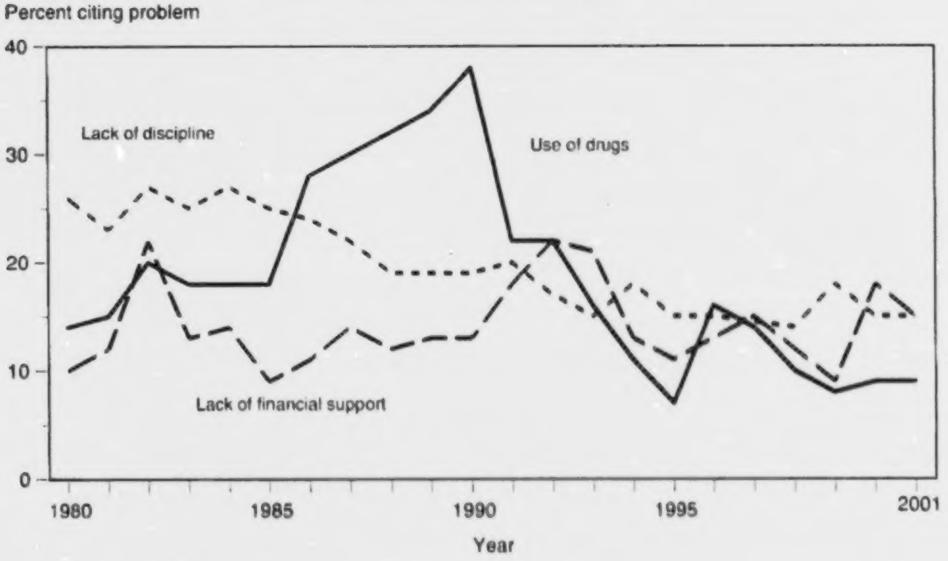


Total persons age 25 and over = 175.2 million

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data.

Figure 6.–Items most frequently cited by the public as a major problem facing the local public schools: 1980 to 2000



SOURCE: "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," *Phi Delta Kappan*, various years.

Table 1.—Estimated number of participants in educational institutions, by level and control of institution: Fall 2001

[In millions]

Participants	All levels (elementary, secondary, and degree-granting)	Elementary and secondary schools			Degree-granting institutions		
		Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8
Total	**77.5**	**59.9**	**53.2**	**6.7**	**17.7**	**13.4**	**4.3**
Enrollment	68.5	53.2	47.2	5.9	15.3	11.8	3.5
Teachers and faculty	4.3	3.6	3.1	0.4	0.8	0.5	0.2
Other professional, administrative, and support staff	4.8	3.2	2.9	0.3	1.6	1.1	0.5

NOTE: Includes enrollments in local public school systems and in most private schools (religiously affiliated and nonsectarian). Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and federal schools. Elementary and secondary includes most kindergarten and some nursery school enrollment. Excludes preprimary enrollment in schools that do not offer first grade or above. Degree-granting institutions comprises full-time and part-time students enrolled in degree-credit and nondegree-credit programs in universities, other 4-year colleges, and 2-year colleges that participated in Title IV federal financial aid programs. Data for teachers and other staff in public and private elementary and secondary schools and colleges and universities are reported in terms of full-time equivalents. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, unpublished projections and estimates. (This table was prepared July 2001.)

Table 2.—Enrollment in educational institutions, by level and control of institution: Fall 1980 to fall 2005

[In thousands]

Level of instruction and type of control	Fall 1980	Fall 1985	Fall 1990	Fall 1991	Fall 1993	Fall 1994	Fall 1995	Fall 1996	Fall 1997	Fall 1998	Fall 1999	Projected fall 2000[1]	Projected fall 2001	Projected fall 2005
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
All levels	**58,305**	**57,226**	**60,269**	**61,681**	**63,118**	**63,888**	**64,764**	**65,743**	**66,470**	**66,983**	**67,667**	**68,083**	**68,457**	**69,787**
Public	50,335	48,901	52,061	53,356	54,654	55,245	55,933	56,732	57,323	57,676	58,167	58,695	58,988	60,063
Private	7,971	8,325	8,208	8,324	8,464	8,643	8,831	9,011	9,147	9,306	9,500	9,388	9,469	9,723
Elementary and secondary education[2]	46,208	44,979	46,451	47,322	48,813	49,609	50,502	51,375	51,968	52,476	52,875	53,104	53,157	53,491
Public	40,877	39,422	41,217	42,047	43,465	44,111	44,840	45,611	46,127	46,539	46,857	47,160	47,213	47,536
Private	5,331	5,557	5,234	5,275	5,348	[3] 5,498	5,662	[3] 5,764	5,841	[3] 5,937	6,018	5,944	5,944	5,954
Grades K-8[4]	31,639	31,229	33,962	34,619	35,719	36,233	36,806	37,315	37,696	38,048	38,253	38,300	38,255	37,694
Public	27,647	27,034	29,878	30,506	31,504	31,898	32,341	32,764	33,073	33,346	33,488	33,622	33,587	33,091
Private	3,992	4,195	[3] 4,084	4,113	4,215	[3] 4,335	4,465	[3] 4,551	4,623	[3] 4,702	4,765	4,678	4,668	4,603
Grades 9–12	14,570	13,750	12,488	12,703	13,093	13,376	13,697	14,060	14,272	14,428	14,623	14,803	14,902	15,797
Public	13,231	12,388	11,338	11,541	11,961	12,213	12,500	12,847	13,054	13,193	13,369	13,537	13,626	14,445
Private	1,339	1,362	[3] 1,150	1,162	1,132	[3] 1,163	1,197	[3] 1,213	1,218	[3] 1,235	1,254	1,266	1,276	1,351
Degree-granting institutions[5]	12,097	12,247	13,819	14,359	14,305	14,279	14,262	14,368	14,502	14,507	14,791	14,979	15,300	16,296
Public	9,457	9,479	10,845	11,310	11,189	11,134	11,092	11,120	11,196	11,138	11,309	11,535	11,775	12,527
Undergraduate[6]	8,442	8,477	9,710	10,148	10,012	9,945	9,904	9,935	10,007	9,950	10,110	10,334	10,554	11,231
First-professional	114	112	112	111	114	114	115	117	118	121	123	119	120	127
Graduate[7]	901	890	1,023	1,050	1,064	1,075	1,074	1,069	1,070	1,067	1,077	1,082	1,100	1,170
Private	2,640	2,768	2,974	3,049	3,116	3,145	3,169	3,247	3,306	3,369	3,482	3,444	3,525	3,769
Undergraduate[6]	2,033	2,120	2,250	2,291	2,312	2,317	2,328	2,392	2,443	2,487	2,571	2,561	2,628	2,818
First-professional	163	162	162	169	179	181	183	182	180	182	180	179	181	191
Graduate[7]	443	486	563	589	625	647	659	674	683	701	730	705	716	760

[1] Public elementary and secondary education are state estimates.

[2] Includes enrollments in local public school systems and in most private schools (religiously affiliated and nonsectarian). Excludes home-schooled children. Based on the National Household Education Survey, the home-schooled children numbered approximately 850,000 in the spring of 1999. Excludes preprimary pupils in schools that do not offer first grade or above.

[3] Estimated.

[4] Includes kindergarten and some nursery school pupils.

[5] Enrollment for 1996 through 1999, and the projections are for degree-granting institutions. All other years, are for institutions of higher education.

[6] Includes unclassified students below the baccalaureate level.

[7] Includes unclassified postbaccalaureate students.

NOTE: Degree-granting enrollment projections are based on the middle alternative projections published by the National Center for Education Statistics. Data for degree-granting institutions for 1999 imputed using alternative procedures. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data and "Fall Enrollment in Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), Higher Education General Information Survey (HEGIS), "Fall Enrollment" surveys, and *Projections of Education Statistics to 2011*. (This table was prepared July 2001.)

Table 3.—Enrollment in educational institutions, by level and control of institution: 1869–70 to fall 2011

[In thousands]

Year	Total enrollment, all levels	Elementary and secondary, total	Public elementary and secondary schools			Private elementary and secondary schools [1]			Degree-granting institutions [2]		
			Total	Prekindergarten through grade 8	Grades 9 through 12	Total	Kindergarten through grade 8	Grades 9 through 12	Total	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12
1869–70	—	—	6,872	6,792	80	—	—	—	52	—	—
1879–80	—	—	9,868	9,757	110	—	—	—	116	—	—
1889–90	14,491	14,334	12,723	12,520	203	1,611	1,516	95	157	—	—
1899–1900	17,092	16,855	15,503	14,984	519	1,352	1,241	111	238	—	—
1909–10	19,728	19,372	17,814	16,899	915	1,558	1,441	117	355	—	—
1919–20	23,876	23,278	21,578	19,378	2,200	1,699	1,486	214	598	—	—
1929–30	29,430	28,329	25,678	21,279	4,399	2,651	2,310	341	1,101	—	—
1939–40	29,539	28,045	25,434	18,832	6,601	2,611	2,153	458	1,494	797	698
1949–50	31,151	28,492	25,111	19,387	5,725	3,380	2,708	672	2,659	1,355	1,304
Fall 1959	44,497	40,857	35,182	26,911	8,271	5,675	4,640	1,035	3,640	2,181	1,459
Fall 1969	59,055	51,050	45,550	32,513	13,037	[3]5,500	[3]4,200	[3]1,300	8,005	5,897	2,108
Fall 1970	59,838	51,257	45,894	32,558	13,336	5,363	4,052	1,311	8,581	6,428	2,153
Fall 1971	60,220	51,271	46,071	32,318	13,753	[3]5,200	[3]3,900	[3]1,300	8,949	6,804	2,144
Fall 1972	59,941	50,726	45,726	31,879	13,848	[3]5,000	[3]3,700	[3]1,300	9,215	7,071	2,144
Fall 1973	60,047	50,445	45,445	31,401	14,044	[3]5,000	[3]3,700	[3]1,300	9,602	7,420	2,183
Fall 1974	60,297	50,073	45,073	30,971	14,103	[3]5,000	[3]3,700	[3]1,300	10,224	7,989	2,235
Fall 1975	61,004	49,819	44,819	30,515	14,304	[3]5,000	[3]3,700	[3]1,300	11,185	8,835	2,350
Fall 1976	60,490	49,478	44,311	29,997	14,314	5,167	3,825	1,342	11,012	8,653	2,359
Fall 1977	60,003	48,717	43,577	29,375	14,203	5,140	3,797	1,343	11,286	8,847	2,439
Fall 1978	58,897	47,637	42,551	28,463	14,088	5,086	3,732	1,353	11,260	8,786	2,474
Fall 1979	58,221	46,651	41,651	28,034	13,616	[3]5,000	[3]3,700	[3]1,300	11,570	9,037	2,533
Fall 1980	58,305	46,208	40,877	27,647	13,231	5,331	3,992	1,339	12,097	9,457	2,640
Fall 1981	57,916	45,544	40,044	27,280	12,764	[3]5,500	[3]4,100	[3]1,400	12,372	9,647	2,725
Fall 1982	57,591	45,166	39,566	27,161	12,405	[3]5,600	[3]4,200	[3]1,400	12,426	9,696	2,730
Fall 1983	57,432	44,967	39,252	26,981	12,271	5,715	4,315	1,400	12,465	9,683	2,782
Fall 1984	57,150	44,908	39,208	26,905	12,304	[3]5,700	[3]4,300	[3]1,400	12,242	9,477	2,765
Fall 1985	57,226	44,979	39,422	27,034	12,388	5,557	4,195	1,362	12,247	9,479	2,768
Fall 1986	57,709	45,205	39,753	27,420	12,333	[3]5,452	[3]4,116	[3]1,336	12,504	9,714	2,790
Fall 1987	58,253	45,487	40,008	27,933	12,076	5,479	4,232	1,247	12,767	9,973	2,793
Fall 1988	58,485	45,430	40,189	28,501	11,687	[3]5,242	[3]4,036	[3]1,206	13,055	10,161	2,894
Fall 1989	59,279	45,741	40,543	29,152	11,390	[3]5,198	[3]4,035	[3]1,163	13,539	10,578	2,961
Fall 1990	60,269	46,451	41,217	29,878	11,338	5,234	4,084	1,150	13,819	10,845	2,974
Fall 1991	61,681	47,322	42,047	30,506	11,541	[3]5,275	[3]4,113	[3]1,162	14,359	11,310	3,049
Fall 1992	62,633	48,145	42,823	31,088	11,735	[3]5,322	[3]4,175	[3]1,147	14,487	11,385	3,103
Fall 1993	63,118	48,813	43,465	31,504	11,961	[3]5,348	[3]4,215	[3]1,132	14,305	11,189	3,116
Fall 1994	63,888	49,609	44,111	31,898	12,213	[3]5,498	[3]4,335	[3]1,163	14,279	11,134	3,145
Fall 1995	64,764	50,502	44,840	32,341	12,500	5,662	4,465	1,197	14,262	11,092	3,169
Fall 1996	65,743	51,375	45,611	32,764	12,847	[3]5,764	[3]4,551	[3]1,213	14,368	11,120	3,247
Fall 1997	66,470	51,968	46,127	33,073	13,054	5,841	4,623	1,218	14,502	11,196	3,306
Fall 1998	66,983	52,476	46,539	33,346	13,193	[3]5,937	[3]4,702	[3]1,235	14,507	11,138	3,369
Fall 1999	67,667	52,875	46,857	33,488	13,369	6,018	4,765	1,254	14,791	11,309	3,482
Fall 2000[4]	68,083	53,104	47,160	33,622	13,537	5,944	4,678	1,266	14,979	11,535	3,444
Fall 2001[4]	68,457	53,157	47,213	33,587	13,626	5,944	4,668	1,276	15,300	11,775	3,525
Fall 2002[4]	68,837	53,310	47,358	33,574	13,784	5,952	4,660	1,292	15,527	11,947	3,580
Fall 2003[4]	69,198	53,386	47,432	33,475	13,957	5,954	4,644	1,310	15,812	12,161	3,651
Fall 2004[4]	69,523	53,449	47,494	33,276	14,218	5,955	4,620	1,334	16,074	12,360	3,714
Fall 2005[4]	69,787	53,491	47,536	33,091	14,445	5,954	4,603	1,351	16,296	12,527	3,769
Fall 2006[4]	69,998	53,465	47,515	32,947	14,569	5,950	4,592	1,358	16,533	12,706	3,827
Fall 2007[4]	70,127	53,373	47,430	32,868	14,562	5,943	4,588	1,355	16,754	12,872	3,881
Fall 2008[4]	70,224	53,219	47,286	32,860	14,426	5,933	4,592	1,341	17,005	13,063	3,943
Fall 2009[4]	70,358	53,109	47,178	32,913	14,265	5,931	4,604	1,327	17,249	13,246	4,002
Fall 2010[4]	70,526	53,069	47,131	33,034	14,096	5,938	4,625	1,313	17,457	13,402	4,055
Fall 2011[4]	70,810	53,122	47,170	33,179	13,991	5,952	4,649	1,303	17,688	13,573	4,115

—Not available.

[1] Beginning in fall 1980, data include estimates for an expanded universe of private schools. Therefore, these totals may differ from figures shown in other tables, and direct comparisons with earlier years should be avoided.

[2] Data for 1869–70 through 1949–50 include resident degree-credit students enrolled at any time during the academic year. Beginning in 1959, data include all resident and extension students enrolled at the beginning of the fall term.

[3] Estimated.

[4] Projected.

NOTE: Elementary and secondary enrollment includes pupils in local public school systems and in most private schools (religiously affiliated and nonsectarian), but generally excludes pupils in subcollegiate departments of colleges, residential schools for exceptional children, federal schools, and home-schooled children. Based on the National Household Education Survey, the home-schooled children numbered approximately 850,000 in the spring of 1999. Public elementary enrollment includes most preprimary school pupils. Public elementary and secondary enrollment for 2000 are state estimates. Private elementary enrollment includes some preprimary students. Higher education enrollment includes students in colleges, universities, professional schools, and 2-year colleges. Degree-granting institutions are 2-year and 4-year institutions that were eligible to participate in Title IV federal financial aid programs. Data for degree-granting institutions for 1999 imputed using alternative procedures. (See *Guide to Sources* for details.) Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Statistics of Public Elementary and Secondary School Systems; Statistics of Nonpublic Elementary and Secondary Schools; Projections of Education Statistics to 2011;* Common Core of Data; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared July 2001.)

Table 4.—Teachers in elementary and secondary schools, and senior instructional staff in degree-granting institutions, by control of institution: Fall 1970 to fall 2011

[In thousands]

Fall	All levels			Elementary and secondary teachers[1]			Higher education senior instructional staff[2]		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8	9	10
1970	2,766	2,373	393	2,292	2,059	233	474	314	160
1975	3,081	2,641	440	2,453	2,198	[3]255	628	443	165
1980	3,171	2,679	492	2,485	2,184	301	[3]686	[3]495	[3]191
1981	3,145	2,636	509	2,440	2,127	[3]313	705	509	196
1982	3,168	2,639	529	2,458	2,133	[3]325	[3]710	[3]506	[3]204
1983	3,200	2,651	549	2,476	2,139	337	724	512	212
1984	3,225	2,673	552	2,508	2,168	[3]340	[3]717	[3]505	[3]212
1985	3,264	2,709	555	2,549	2,206	343	[3]715	[3]503	[3]212
1986	3,314	2,754	560	2,592	2,244	[3]348	[3]722	[3]510	[3]212
1987	3,424	2,831	592	2,631	2,279	[3]352	[4]793	[4]553	[4]240
1988	3,472	2,882	590	2,668	2,323	[3]345	[3]804	[3]559	[3]245
1989	3,558	2,934	624	2,734	2,357	[3]377	824	577	247
1990	3,570	2,972	599	2,753	2,398	[3]355	[3]817	[3]574	[3]244
1991	3,613	3,013	600	2,787	2,432	[3]355	826	581	245
1992	3,699	3,080	620	2,822	2,459	[3]363	[3]877	[3]621	[3]257
1993	3,785	3,154	631	2,870	2,504	[3]366	915	650	265
1994	3,849	3,205	644	2,926	2,552	[3]374	[3]923	[3]653	[3]270
1995	3,910	3,255	655	2,978	2,598	[3]380	932	657	275
1996	4,008	3,339	669	3,054	2,667	[3]387	[3]954	[3]672	[3]282
1997	4,124	3,441	683	3,134	2,746	388	990	695	295
1998	4,220	3,527	694	3,221	2,830	[3]391	[3]999	[3]697	[3]303
1999	4,332	3,620	712	3,304	2,907	[3]397	1,028	713	315
2000[5]	4,420	3,680	740	3,381	2,953	428	1,039	727	312
2001[5]	—	—	—	3,551	3,119	432	—	—	—
2002[5]	—	—	—	3,541	3,111	430	—	—	—
2003[5]	—	—	—	3,564	3,132	432	—	—	—
2004[5]	—	—	—	3,590	3,155	435	—	—	—
2005[5]	—	—	—	3,576	3,142	434	—	—	—
2006[5]	—	—	—	3,594	3,159	436	—	—	—
2007[5]	—	—	—	3,600	3,164	436	—	—	—
2008[5]	—	—	—	3,600	3,164	436	—	—	—
2009[5]	—	—	—	3,619	3,180	439	—	—	—
2010[5]	—	—	—	3,633	3,192	441	—	—	—
2011[5]	—	—	—	3,649	3,206	443	—	—	—

—Not available.

[1] Includes teachers in local public school systems and in most private schools (religiously affiliated and nonsectarian). Teachers are reported in terms of full-time equivalents.

[2] Includes full-time and part-time faculty with the rank of instructor or above in colleges, universities, professional schools, teachers colleges, and 2-year colleges. Excludes teaching assistants.

[3] Estimated.

[4] Based on actual survey data. Methodology for this year and later years is not consistent with figures for earlier years.

[5] Projected.

NOTE: Detail may not sum to totals due to rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data; *Projections of Education Statistics*, various years; Higher Education General Information Survey, (HEGIS), "Fall Staff" survey; Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" survey; and U.S. Equal Opportunity Commission (EEO-6); and unpublished data. (This table was prepared October 2001.)

Table 5.—Educational institutions, by level and control of institution: 1980–81 to 1999–2000

Level and control of institution	1980–81	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14
All institutions	**117,707**	**—**	**—**	**119,242**	**—**	**—**	**121,855**	**—**	**124,773**	**—**	**126,542**	**—**	**128,484**
Elementary and secondary schools	106,746	—	—	109,228	—	—	111,486	—	114,811	—	116,910	—	119,235
Elementary	72,659	—	—	74,716	—	—	75,591	—	77,909	—	79,362	—	80,661
Secondary	24,856	—	—	23,602	—	—	23,256	—	23,530	—	24,169	—	24,903
Combined	5,202	—	—	8,847	—	—	10,678	—	11,205	—	11,412	—	12,197
Other[1]	4,029	—	—	2,063	—	—	1,962	—	2,167	—	1,967	—	1,474
Public schools	85,982	83,165	83,425	84,538	84,578	84,497	85,393	86,221	87,125	88,223	89,508	90,874	92,012
Elementary	59,326	57,941	58,419	59,015	59,258	59,676	60,052	60,808	61,165	61,805	62,739	63,462	64,131
Secondary	22,619	21,403	21,181	21,135	20,767	20,671	20,705	20,904	20,997	21,307	21,682	22,076	22,365
Combined	1,743	2,235	2,280	2,325	2,481	2,549	2,674	2,764	2,796	2,980	3,120	3,721	4,042
Other[1]	2,294	1,586	1,545	2,063	2,072	1,601	1,962	1,745	2,167	2,131	1,967	1,615	1,474
Private schools	20,764	—	—	24,690	25,998	—	26,093	—	27,686	—	27,402	—	27,223
Elementary	13,333	—	—	15,701	15,716	—	15,539	—	16,744	—	16,623	—	16,530
Secondary	2,237	—	—	2,467	2,475	—	2,551	—	2,533	—	2,487	—	2,538
Combined	3,459	—	—	6,522	7,807	—	8,004	—	8,409	—	8,292	—	8,155
Other[1]	1,735	—	—	(2)	(2)	—	(2)	—	(2)	—	(2)	—	(2)
Postsecondary institutions	[3]10,961	11,389	10,606	10,014	9,983	10,601	10,369	10,246	9,962	9,837	9,632	9,485	9,249
Public	[3]2,393	2,169	2,120	2,096	2,129	2,146	2,152	2,179	2,189	2,169	2,252	2,245	2,183
Private	[3]8,568	9,220	8,486	7,918	7,854	8,455	8,217	8,067	7,773	7,668	7,380	7,240	7,066
Not-for-profit	[3]2,359	3,092	2,942	2,808	2,810	2,926	2,890	2,916	2,877	2,855	2,808	2,777	2,723
For-profit	[3]6,209	6,128	5,544	5,110	5,044	5,529	5,327	5,151	4,896	4,813	4,572	4,463	4,343
Noncollegiate institutions[4]	[3]7,730	7,824	7,071	6,455	6,382	6,963	6,737	6,558	6,256	5,828	5,568	5,437	5,165
Public	[3]896	587	557	529	531	522	527	538	534	467	545	564	501
Private	[3]6,834	7,237	6,514	5,926	5,851	6,441	6,210	6,020	5,722	5,361	5,023	4,873	4,664
Not-for-profit	[3]790	1,434	1,286	1,159	1,148	1,254	1,203	1,214	1,171	1,162	1,101	1,082	1,042
For-profit	[3]6,044	5,803	5,228	4,767	4,703	5,187	5,007	4,806	4,551	4,199	3,922	3,791	3,622
Degree-granting institutions[5]	3,231	3,565	3,535	3,559	3,601	3,638	3,632	3,688	3,706	4,009	4,064	4,048	4,084
2-year colleges	1,274	1,436	1,408	1,418	1,444	1,469	1,442	1,473	1,462	1,742	1,755	1,713	1,721
Public	945	984	968	972	999	1,024	1,021	1,036	1,047	1,088	1,092	1,069	1,068
Private	329	452	440	446	445	445	421	437	415	654	663	644	653
Not-for-profit	182	180	177	167	176	179	181	192	187	184	179	164	150
For-profit	147	272	263	279	269	266	240	245	228	470	484	480	503
4-year colleges	1,957	2,129	2,127	2,141	2,157	2,169	2,190	2,215	2,244	2,267	2,309	2,335	2,363
Public	552	598	595	595	599	600	604	605	608	614	615	612	614
Private	1,405	1,531	1,532	1,546	1,558	1,569	1,586	1,610	1,636	1,653	1,694	1,723	1,749
Not-for-profit	1,387	1,478	1,479	1,482	1,486	1,493	1,506	1,510	1,519	1,509	1,528	1,531	1,531
For-profit	18	53	53	64	72	76	80	100	117	144	166	192	218

—Not available.

[1] Includes special education, alternative, and other schools not classified by grade span. Because of changes in survey definitions, figures for "other" schools are not comparable from year to year.

[2] Included in other categories.

[3] Because of changes in survey procedures, figures are not directly comparable with data for later years.

[4] Institutions not meeting criteria under (5) were classified as noncollegiate institutions.

[5] Includes those colleges designated as institutions of higher education by the Higher Education General Information Survey system, even if all their programs are less than 2 years. Includes branch campuses. Beginning in 1980, total includes some schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology. Beginning in 1996–97, data for institutions of higher education are for degree-granting institutions. Degree-granting institutions include those institutions which award degrees at the associate level or higher and were eligible to participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data; Private School surveys; Higher Education General Information Survey, "Institutional Characteristics of Colleges and Universities;" and Integrated Postsecondary Education Data System, "Institutional Characteristics" surveys. (This table was prepared October 2001.)

Table 6.—Percent of the population 3 to 34 years old enrolled in school,[1] by age: April 1940 to October 2000

Year	Total, 3 to 34 years	3 and 4 years	5 and 6 years	7 to 13 years	14 to 17 years	18 and 19 years	20 to 24 years			25 to 29 years	30 to 34 years
							Total	20 and 21 years	22 to 24 years		
1	2	3	4	5	6	7	8	9	10	11	12
1940[2]	—	—	—	95.0	79.3	28.9	6.6	—	—	—	—
1945	—	—	—	98.1	78.4	20.7	3.9	—	—	—	—
1947	—	—	73.8	98.5	79.3	24.3	10.2	—	—	3.0	—
1948	—	—	74.7	98.1	81.8	26.9	9.7	—	—	2.6	—
1949	—	—	76.2	98.6	81.6	25.3	9.2	—	—	3.8	—
1950	—	—	74.4	98.7	83.7	29.4	9.0	—	—	3.0	0.9
1951	—	—	73.6	99.1	85.2	26.2	8.6	—	—	2.5	—
1952	—	—	75.2	98.8	85.2	28.8	9.7	—	—	2.6	1.2
1953	—	—	78.6	99.4	85.9	31.2	11.1	—	—	2.9	1.7
1954	—	—	77.3	99.4	87.1	32.4	11.2	—	—	4.1	1.5
1955	—	—	78.1	99.2	86.9	31.5	11.1	—	—	4.2	1.6
1956	—	—	77.6	99.3	88.2	35.4	12.8	—	—	5.1	1.9
1957	—	—	78.6	99.5	89.5	34.9	14.0	—	—	—	—
1958	—	—	80.4	99.5	89.2	37.6	13.4	—	—	—	—
1959	—	—	80.0	99.4	90.2	36.8	12.7	—	—	—	—
1960	—	—	80.7	99.5	90.3	38.4	13.1	—	—	4.9	2.4
1961	—	—	81.7	99.3	91.4	38.0	13.7	—	—	—	—
1962	—	—	82.2	99.3	92.0	41.8	15.6	—	—	—	—
1963	—	—	82.7	99.3	92.9	40.9	17.3	—	—	—	—
1964	—	—	83.3	99.0	93.1	41.6	16.8	—	—	5.2	2.6
1965	55.5	10.6	84.9	99.4	93.2	46.3	19.0	27.6	13.2	6.1	3.2
1966	56.1	12.5	85.8	99.3	93.7	47.2	19.9	29.9	13.2	6.5	2.7
1967	56.6	14.2	87.4	99.3	93.7	47.6	22.0	33.3	13.6	6.6	4.0
1968	56.7	15.7	87.6	99.1	94.2	50.4	21.4	31.2	13.8	7.0	3.9
1969	57.0	16.1	88.4	99.2	94.0	50.2	23.0	34.1	15.4	7.9	4.8
1970	56.4	20.5	89.5	99.2	94.1	47.7	21.5	31.9	14.9	7.5	4.2
1971	56.2	21.2	91.6	99.1	94.5	49.2	21.9	32.2	15.4	8.0	4.9
1972	54.9	24.4	91.9	99.2	93.3	46.3	21.6	31.4	14.8	8.6	4.6
1973	53.5	24.2	92.5	99.2	92.9	42.9	20.8	30.1	14.5	8.5	4.5
1974	53.6	28.8	94.2	99.3	92.9	43.1	21.4	30.2	15.1	9.6	5.7
1975	53.7	31.5	94.7	99.3	93.6	46.9	22.4	31.2	16.2	10.1	6.6
1976	53.1	31.3	95.5	99.2	93.7	46.2	23.3	32.0	17.1	10.0	6.0
1977	52.5	32.0	95.8	99.4	93.6	46.2	22.9	31.8	16.5	10.8	6.9
1978	51.2	34.2	95.3	99.1	93.7	45.4	21.8	29.5	16.3	9.4	6.4
1979	50.3	35.1	95.8	99.2	93.6	45.0	21.7	30.2	15.8	9.6	6.4
1980	49.7	36.7	95.7	99.3	93.4	46.4	22.3	31.0	16.3	9.3	6.4
1981	48.9	36.0	94.0	99.2	94.1	49.0	22.5	31.6	16.5	9.0	6.9
1982	48.6	36.4	95.0	99.2	94.4	47.8	23.5	34.0	16.8	9.6	6.3
1983	48.4	37.5	95.4	99.2	95.0	50.4	22.7	32.5	16.6	9.6	6.4
1984	47.9	36.3	94.5	99.2	94.7	50.1	23.7	33.9	17.3	9.1	6.3
1985	48.3	38.9	96.1	99.2	94.9	51.6	24.0	35.3	16.9	9.2	6.1
1986	48.2	38.9	95.3	99.2	94.9	54.6	23.6	33.0	17.9	8.8	6.0
1987	48.6	38.3	95.1	99.5	95.0	55.6	25.5	38.7	17.5	9.0	5.8
1988	48.7	38.2	96.0	99.7	95.1	55.6	26.1	39.1	18.2	8.3	5.9
1989	49.1	39.1	95.2	99.3	95.7	56.0	27.0	38.5	19.9	9.3	5.7
1990	50.2	44.4	96.5	99.6	95.8	57.2	28.6	39.7	21.0	9.7	5.8
1991	50.7	40.5	95.4	99.6	96.0	59.6	30.2	42.0	22.2	10.2	6.2
1992	51.4	39.7	95.5	99.4	96.7	61.4	31.6	44.0	23.7	9.8	6.1
1993	51.8	40.4	95.4	99.5	96.5	61.6	30.8	42.7	23.6	10.2	5.9
1994	53.3	[3]47.3	96.7	99.4	96.6	60.2	32.0	44.9	24.0	10.8	6.7
1995	53.7	[3]48.7	96.0	98.9	96.3	59.4	31.5	44.9	23.2	11.6	5.9
1996	54.1	[3]48.3	94.0	97.7	95.4	61.5	32.5	44.4	24.8	11.9	6.1
1997	55.6	[3]52.6	96.5	99.1	96.6	61.5	34.3	45.9	26.4	11.8	5.7
1998	55.8	[3]52.1	95.6	98.9	96.1	62.2	33.0	44.8	24.9	11.9	6.6
1999	56.0	[3]54.2	96.0	98.7	95.8	60.6	32.8	45.3	24.5	11.1	6.2
2000	55.9	[3]52.1	95.6	98.2	95.7	61.2	32.5	44.1	24.6	11.4	6.7

—Not available.

[1] Includes enrollment in any type of graded public, parochial, or other private schools. Includes nursery schools, kindergartens, elementary schools, high schools, colleges, universities, and professional schools. Attendance may be on either a full-time or part-time basis and during the day or night. Enrollments in "special" schools, such as trade schools, business colleges, or correspondence schools, are not included.

[2] Data are as of April 1940. Data for all other years are as of October.

[3] Preprimary enrollment collected using new procedures. May not be comparable to figures for earlier years.

NOTE: Data are based upon sample surveys of the civilian noninstitutional population.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Historical Statistics of the United States, Colonial Times to 1970*; *Current Population Reports*, Series P-20, various years; and Current Population Survey, unpublished data. (This table was prepared July 2001.)

Table 7.—Percent of the population 3 to 34 years old enrolled in school, by race/ethnicity, sex, and age: October 1975 to October 2000

Year and age	Total				Male				Female			
	All races	White, non-Hispanic	Black, non-Hispanic	Hispanic origin	All races	White, non-Hispanic	Black, non-Hispanic	Hispanic origin	All races	White, non-Hispanic	Black, non-Hispanic	Hispanic origin
1	2	3	4	5	6	7	8	9	10	11	12	13
1975												
Total, 3 to 34 years	53.7 (0.2)	53.0 (0.2)	57.7 (0.7)	54.8 (1.2)	56.1 (0.3)	55.2 (0.3)	60.4 (1.0)	58.1 (1.7)	51.5 (0.3)	50.8 (0.3)	55.3 (0.9)	51.7 (1.7)
3 and 4 years	31.5 (0.9)	31.0 (1.0)	34.4 (2.3)	27.3 (3.0)	30.9 (1.2)	31.1 (1.4)	31.4 (3.2)	26.7 (4.1)	32.1 (1.3)	30.9 (1.4)	37.5 (3.3)	27.9 (4.4)
5 and 6 years	94.7 (0.4)	95.1 (0.5)	94.4 (1.1)	92.1 (1.7)	94.4 (0.6)	94.8 (0.7)	94.8 (1.5)	89.7 (2.7)	95.1 (0.6)	95.4 (0.6)	94.0 (1.6)	94.4 (2.0)
7 to 9 years	99.3 (0.1)	99.4 (0.1)	99.3 (0.3)	99.6 (0.4)	99.2 (0.2)	99.2 (0.2)	99.4 (0.4)	99.6 (0.5)	99.5 (0.2)	99.6 (0.2)	99.2 (0.5)	99.5 (0.6)
10 to 13 years	99.3 (0.1)	99.3 (0.1)	99.1 (0.3)	99.2 (0.4)	98.9 (0.2)	99.0 (0.2)	98.9 (0.5)	98.8 (0.7)	99.6 (0.1)	99.6 (0.1)	99.3 (0.4)	99.7 (0.3)
14 and 15 years	98.2 (0.2)	98.5 (0.2)	97.4 (0.8)	95.6 (1.8)	98.4 (0.3)	98.6 (0.3)	97.6 (1.0)	97.4 (2.0)	98.0 (0.3)	98.4 (0.3)	97.2 (1.1)	93.8 (3.1)
16 and 17 years	89.0 (0.5)	89.5 (0.5)	86.8 (1.7)	86.2 (3.0)	90.7 (0.6)	91.2 (0.7)	88.1 (2.3)	88.3 (3.9)	87.2 (0.7)	87.8 (0.8)	85.5 (2.4)	84.0 (4.5)
18 and 19 years	46.9 (0.8)	46.8 (0.9)	46.9 (2.6)	44.0 (4.4)	49.9 (1.1)	49.4 (1.3)	49.6 (3.8)	51.9 (6.5)	44.2 (1.1)	44.2 (1.2)	44.6 (3.5)	37.1 (5.9)
20 and 21 years	31.2 (0.8)	32.1 (0.8)	26.7 (2.4)	27.5 (4.3)	35.3 (1.1)	36.7 (1.3)	28.4 (3.6)	31.3 (6.7)	27.4 (1.0)	27.8 (1.1)	25.3 (3.1)	24.3 (5.6)
22 to 24 years	16.2 (0.5)	16.4 (0.6)	13.9 (1.6)	14.1 (2.9)	20.0 (0.8)	20.8 (0.9)	14.5 (2.5)	15.9 (4.4)	12.6 (0.6)	12.2 (0.7)	13.4 (2.2)	12.5 (3.9)
25 to 29 years	10.1 (0.3)	10.1 (0.4)	9.4 (1.2)	8.3 (1.8)	13.1 (0.5)	13.2 (0.6)	11.6 (1.9)	11.9 (3.2)	7.2 (0.4)	7.2 (0.4)	7.6 (1.4)	5.3 (2.0)
30 to 34 years	6.6 (0.3)	6.6 (0.3)	7.1 (1.1)	5.5 (1.6)	7.7 (0.5)	7.5 (0.5)	8.7 (1.8)	7.2 (2.6)	5.6 (0.4)	5.8 (0.4)	5.9 (1.4)	4.1 (1.9)
1980												
Total, 3 to 34 years	49.7 (0.2)	48.8 (0.2)	54.0 (0.7)	49.8 (1.1)	50.9 (0.3)	50.0 (0.3)	56.2 (1.0)	49.9 (1.5)	48.5 (0.3)	47.7 (0.3)	52.1 (0.9)	49.8 (1.5)
3 and 4 years	36.7 (0.9)	37.4 (1.1)	38.2 (2.4)	28.5 (2.6)	37.8 (1.3)	39.2 (1.6)	36.4 (3.4)	30.1 (3.6)	35.5 (1.3)	35.5 (1.6)	40.0 (3.5)	26.6 (3.8)
5 and 6 years	95.7 (0.4)	95.9 (0.5)	95.5 (1.0)	94.5 (1.4)	95.0 (0.6)	95.4 (0.7)	94.1 (1.7)	94.0 (2.2)	96.4 (0.5)	96.5 (0.6)	97.0 (1.2)	94.9 (1.9)
7 to 9 years	99.1 (0.1)	99.1 (0.2)	99.4 (0.3)	98.4 (0.6)	99.0 (0.2)	99.0 (0.3)	99.5 (0.4)	97.7 (1.0)	99.2 (0.2)	99.2 (0.2)	99.3 (0.5)	99.0 (0.7)
10 to 13 years	99.4 (0.1)	99.4 (0.1)	99.4 (0.3)	99.7 (0.2)	99.4 (0.1)	99.4 (0.2)	99.4 (0.4)	99.4 (0.4)	99.4 (0.1)	99.3 (0.2)	99.3 (0.4)	99.9 (0.2)
14 and 15 years	98.2 (0.2)	98.7 (0.2)	97.9 (0.7)	94.3 (1.9)	98.7 (0.3)	98.9 (0.3)	98.4 (0.9)	96.7 (2.1)	97.7 (0.4)	98.5 (0.3)	97.3 (1.2)	92.1 (3.0)
16 and 17 years	89.0 (0.5)	89.2 (0.6)	90.7 (1.4)	81.8 (3.2)	89.1 (0.7)	89.4 (0.8)	90.7 (2.0)	81.5 (4.7)	88.8 (0.7)	89.0 (0.8)	90.6 (2.0)	82.2 (4.5)
18 and 19 years	46.4 (0.8)	47.0 (0.9)	45.8 (2.6)	37.8 (3.9)	47.0 (1.1)	48.5 (1.3)	42.9 (3.7)	36.9 (5.4)	45.8 (1.1)	45.7 (1.3)	48.3 (3.5)	38.8 (5.7)
20 and 21 years	31.0 (0.7)	33.0 (0.9)	23.3 (2.2)	19.5 (3.3)	32.6 (1.1)	34.8 (1.2)	22.8 (3.3)	21.4 (4.9)	29.5 (1.0)	31.3 (1.2)	23.7 (3.0)	17.6 (4.4)
22 to 24 years	16.3 (0.5)	16.8 (0.6)	13.6 (1.5)	11.7 (2.3)	17.8 (0.7)	18.7 (0.8)	13.4 (2.3)	10.7 (3.1)	14.9 (0.7)	15.0 (0.7)	13.7 (2.0)	12.6 (3.2)
25 to 29 years	9.3 (0.3)	9.4 (0.3)	8.8 (1.0)	6.9 (1.4)	9.8 (0.5)	9.8 (0.5)	10.6 (1.7)	6.8 (2.1)	8.8 (0.4)	9.1 (0.5)	7.5 (1.3)	6.9 (2.0)
30 to 34 years	6.4 (0.3)	6.4 (0.3)	6.9 (1.0)	5.1 (1.3)	5.9 (0.4)	5.6 (0.4)	7.2 (1.5)	6.2 (2.1)	7.0 (0.4)	7.2 (0.4)	6.6 (1.3)	4.1 (1.7)
1985												
Total, 3 to 34 years	48.3 (0.2)	47.8 (0.3)	50.8 (0.7)	47.7 (1.1)	49.2 (0.3)	48.7 (0.4)	52.6 (1.0)	47.5 (1.6)	47.4 (0.3)	46.9 (0.4)	49.2 (1.0)	47.9 (1.6)
3 and 4 years	38.9 (0.9)	40.3 (1.1)	42.8 (2.4)	27.0 (2.6)	36.7 (1.3)	39.1 (1.6)	34.6 (3.4)	26.4 (3.5)	41.2 (1.3)	41.6 (1.6)	50.3 (3.4)	27.7 (3.9)
5 and 6 years	96.1 (0.4)	96.6 (0.4)	95.7 (1.0)	94.5 (1.4)	95.3 (0.6)	95.6 (0.7)	94.5 (1.6)	95.3 (1.9)	97.0 (0.5)	97.6 (0.5)	97.1 (1.2)	93.7 (2.2)
7 to 9 years	99.1 (0.2)	99.4 (0.2)	98.6 (0.5)	98.4 (0.6)	99.0 (0.2)	99.3 (0.2)	98.4 (0.8)	98.9 (0.8)	99.2 (0.2)	99.4 (0.2)	98.9 (0.6)	98.0 (1.0)
10 to 13 years	99.3 (0.1)	99.3 (0.1)	99.5 (0.3)	99.4 (0.3)	99.2 (0.2)	99.2 (0.2)	99.1 (0.5)	99.1 (0.6)	99.4 (0.2)	99.3 (0.2)	99.9 (0.1)	99.7 (0.3)
14 and 15 years	98.1 (0.2)	98.3 (0.3)	98.1 (0.7)	96.1 (1.8)	98.3 (0.3)	98.4 (0.4)	98.5 (0.9)	96.2 (2.6)	97.9 (0.4)	98.1 (0.4)	97.6 (1.2)	96.0 (2.4)
16 and 17 years	91.7 (0.5)	92.5 (0.5)	91.8 (1.5)	84.5 (3.2)	92.4 (0.7)	92.9 (0.7)	92.0 (2.1)	88.9 (3.9)	90.9 (0.7)	92.2 (0.8)	91.6 (2.1)	80.0 (5.1)
18 and 19 years	51.6 (0.9)	53.7 (1.0)	43.5 (2.7)	41.8 (4.8)	52.2 (1.3)	53.4 (1.5)	49.4 (3.9)	38.6 (6.8)	51.0 (1.3)	54.0 (1.5)	37.8 (3.7)	44.7 (6.7)
20 and 21 years	35.3 (0.8)	37.2 (1.0)	27.7 (2.4)	24.0 (4.1)	36.5 (1.2)	38.8 (1.4)	29.9 (3.6)	20.3 (5.6)	34.1 (1.1)	35.7 (1.3)	25.8 (3.2)	27.4 (6.0)
22 to 24 years	16.9 (0.5)	17.5 (0.6)	13.8 (1.5)	11.6 (2.3)	18.8 (0.8)	19.8 (0.9)	13.5 (2.3)	12.6 (3.2)	15.1 (0.7)	15.4 (0.8)	14.0 (2.1)	10.4 (3.2)
25 to 29 years	9.2 (0.3)	9.6 (0.4)	7.4 (0.9)	6.6 (1.3)	9.4 (0.4)	9.7 (0.5)	5.8 (1.2)	8.2 (2.1)	9.1 (0.4)	9.4 (0.5)	8.7 (1.3)	4.9 (1.7)
30 to 34 years	6.1 (0.3)	6.2 (0.3)	5.2 (0.8)	5.7 (1.4)	5.4 (0.3)	5.6 (0.4)	3.9 (1.1)	4.0 (1.7)	6.8 (0.4)	6.9 (0.4)	6.2 (1.2)	7.5 (2.3)
1990												
Total, 3 to 34 years	50.2 (0.2)	49.8 (0.3)	52.2 (0.7)	47.2 (1.1)	50.9 (0.3)	50.4 (0.4)	54.3 (1.0)	46.8 (1.5)	49.5 (0.3)	49.2 (0.4)	50.3 (1.0)	47.7 (1.5)
3 and 4 years	44.4 (1.0)	47.2 (1.2)	41.8 (2.6)	30.7 (2.7)	43.9 (1.4)	47.9 (1.7)	38.1 (3.6)	28.0 (3.7)	44.9 (1.4)	46.6 (1.7)	45.5 (3.7)	33.6 (4.0)
5 and 6 years	96.5 (0.4)	96.7 (0.4)	96.5 (0.9)	94.9 (1.3)	96.5 (0.5)	96.8 (0.6)	96.2 (1.3)	95.8 (1.7)	96.4 (0.5)	96.7 (0.6)	96.9 (1.2)	93.9 (2.0)
7 to 9 years	99.7 (0.1)	99.7 (0.1)	99.8 (0.2)	99.5 (0.4)	99.7 (0.1)	99.7 (0.2)	99.9 (0.2)	99.5 (0.5)	99.6 (0.1)	99.7 (0.2)	99.8 (0.3)	99.4 (0.5)
10 to 13 years	99.5 (0.1)	99.7 (0.1)	99.9 (0.1)	99.1 (0.4)	99.6 (0.1)	99.6 (0.1)	99.9 (0.2)	99.0 (0.6)	99.7 (0.1)	99.7 (0.1)	99.8 (0.2)	99.1 (0.6)
14 and 15 years	99.0 (0.2)	99.0 (0.2)	99.4 (0.5)	99.0 (0.9)	99.1 (0.3)	99.2 (0.3)	99.7 (0.5)	99.1 (1.1)	98.9 (0.3)	98.9 (0.4)	99.1 (0.8)	98.8 (1.5)
16 and 17 years	92.5 (0.5)	93.5 (0.6)	91.7 (1.6)	85.4 (3.2)	92.6 (0.7)	93.4 (0.8)	93.0 (2.1)	85.5 (4.4)	92.4 (0.7)	93.7 (0.8)	90.5 (2.4)	85.3 (4.7)
18 and 19 years	57.2 (0.9)	59.1 (1.1)	55.0 (2.8)	44.0 (4.4)	58.2 (1.3)	59.7 (1.6)	60.4 (4.0)	40.7 (6.2)	56.3 (1.3)	58.5 (1.6)	49.8 (4.0)	47.2 (6.1)
20 and 21 years	39.7 (0.9)	43.1 (1.1)	28.3 (2.6)	27.2 (3.8)	40.3 (1.3)	44.2 (1.6)	31.0 (3.8)	21.7 (4.9)	39.2 (1.3)	42.0 (1.5)	25.8 (3.5)	33.1 (5.8)
22 to 24 years	21.0 (0.6)	21.9 (0.8)	19.7 (2.0)	9.9 (2.0)	22.3 (0.9)	23.7 (1.1)	19.3 (3.0)	11.2 (3.0)	19.9 (0.9)	20.3 (1.0)	20.0 (2.7)	8.4 (2.8)
25 to 29 years	9.7 (0.3)	10.4 (0.4)	6.1 (0.9)	6.3 (1.3)	9.2 (0.5)	10.0 (0.6)	4.7 (1.1)	4.6 (1.6)	10.2 (0.5)	10.7 (0.6)	7.3 (1.3)	8.1 (2.1)
30 to 34 years	5.8 (0.3)	6.2 (0.3)	4.5 (0.7)	3.6 (1.0)	4.8 (0.3)	5.0 (0.4)	2.3 (0.8)	4.0 (1.5)	6.9 (0.4)	7.4 (0.5)	6.3 (1.2)	3.1 (1.3)
1995												
Total, 3 to 34 years	53.7 (0.2)	53.8 (0.3)	56.3 (0.6)	49.7 (0.6)	54.3 (0.3)	54.2 (0.4)	58.6 (0.8)	49.1 (0.9)	53.2 (0.3)	53.4 (0.4)	54.1 (0.8)	50.3 (0.9)
3 and 4 years	48.7 (0.9)	52.2 (1.1)	47.8 (2.0)	36.9 (1.6)	49.4 (1.2)	51.1 (1.5)	52.4 (2.8)	40.8 (2.2)	48.1 (1.2)	53.5 (1.6)	43.4 (2.7)	32.7 (2.2)
5 and 6 years	96.0 (0.3)	96.6 (0.4)	95.4 (0.8)	93.9 (0.8)	95.3 (0.5)	95.9 (0.6)	94.6 (1.3)	93.6 (1.2)	96.8 (0.4)	97.4 (0.5)	96.3 (1.1)	94.3 (1.1)
7 to 9 years	98.7 (0.2)	98.9 (0.2)	97.7 (0.5)	98.5 (0.4)	98.9 (0.2)	99.0 (0.2)	98.1 (0.6)	98.8 (0.5)	98.5 (0.3)	98.9 (0.3)	97.2 (0.8)	98.2 (0.6)
10 to 13 years	99.1 (0.1)	99.0 (0.2)	99.2 (0.3)	99.2 (0.2)	99.1 (0.2)	99.0 (0.2)	99.5 (0.3)	98.8 (0.4)	99.0 (0.2)	98.9 (0.2)	98.9 (0.4)	99.5 (0.3)
14 and 15 years	98.9 (0.2)	98.8 (0.2)	99.0 (0.5)	98.9 (0.6)	99.0 (0.2)	98.9 (0.3)	99.6 (0.4)	98.4 (0.9)	98.8 (0.3)	98.7 (0.3)	98.3 (0.8)	99.4 (0.6)
16 and 17 years	93.6 (0.4)	94.4 (0.5)	93.0 (1.2)	88.2 (1.8)	94.5 (0.5)	95.0 (0.6)	95.6 (1.3)	88.4 (2.6)	92.6 (0.6)	93.8 (0.7)	90.3 (1.9)	88.0 (2.6)
18 and 19 years	59.4 (0.9)	61.8 (1.0)	57.5 (2.4)	46.1 (2.6)	59.5 (1.2)	61.9 (1.4)	59.2 (3.5)	47.4 (3.6)	59.2 (1.2)	61.8 (1.5)	56.1 (3.3)	44.8 (3.8)
20 and 21 years	44.9 (0.9)	49.7 (1.1)	37.8 (2.5)	27.1 (2.4)	44.7 (1.3)	50.0 (1.6)	36.7 (3.7)	24.8 (3.3)	45.1 (1.3)	49.3 (1.5)	38.7 (3.3)	29.2 (3.4)
22 to 24 years	23.2 (0.6)	24.4 (0.7)	20.0 (1.6)	15.6 (1.5)	22.8 (0.8)	24.1 (1.0)	20.6 (2.4)	14.8 (2.0)	23.6 (0.8)	24.8 (1.0)	19.5 (2.2)	16.6 (2.3)
25 to 29 years	11.6 (0.3)	12.3 (0.4)	10.0 (0.9)	7.1 (0.9)	11.0 (0.5)	12.2 (0.6)	6.3 (1.2)	5.6 (1.1)	12.2 (0.5)	12.3 (0.6)	13.0 (1.4)	8.7 (1.4)
30 to 34 years	5.9 (0.2)	5.7 (0.3)	7.7 (0.8)	4.7 (0.7)	5.4 (0.3)	5.0 (0.4)	6.9 (1.1)	4.5 (0.9)	6.5 (0.3)	6.3 (0.4)	8.3 (1.1)	4.9 (1.0)
2000												
Total, 3 to 34 years	55.9 (0.2)	56.0 (0.3)	59.3 (0.6)	51.3 (0.6)	55.8 (0.3)	55.8 (0.4)	59.7 (0.9)	50.5 (0.9)	56.0 (0.3)	56.1 (0.4)	59.0 (0.8)	52.2 (0.9)
3 and 4 years	52.1 (0.9)	54.6 (1.2)	59.8 (2.2)	35.9 (1.6)	50.8 (1.3)	54.1 (1.7)	58.0 (3.0)	31.9 (2.2)	53.4 (1.3)	55.2 (1.7)	61.8 (3.1)	40.0 (2.3)
5 and 6 years	95.6 (0.4)	95.5 (0.5)	96.7 (0.8)	94.3 (0.8)	95.1 (0.6)	94.5 (0.8)	96.0 (1.2)	95.4 (0.9)	96.1 (0.5)	96.4 (0.6)	97.5 (1.0)	93.1 (1.2)
7 to 9 years	98.1 (0.2)	98.4 (0.2)	97.5 (0.5)	97.5 (0.4)	98.0 (0.3)	98.1 (0.4)	98.2 (0.6)	96.6 (0.7)	98.2 (0.3)	98.6 (0.3)	96.7 (0.9)	98.4 (0.5)
10 to 13 years	98.3 (0.2)	98.5 (0.2)	98.5 (0.4)	97.4 (0.4)	98.3 (0.2)	98.2 (0.3)	98.8 (0.4)	98.4 (0.4)	98.3 (0.2)	98.8 (0.2)	98.1 (0.6)	96.4 (0.7)
14 and 15 years	98.7 (0.2)	98.9 (0.2)	99.6 (0.3)	96.2 (1.0)	98.7 (0.3)	98.8 (0.3)	99.6 (0.4)	96.9 (1.3)	98.6 (0.3)	99.0 (0.3)	99.6 (0.4)	95.4 (1.5)
16 and 17 years	92.8 (0.4)	94.0 (0.5)	91.7 (1.3)	87.0 (1.8)	92.7 (0.6)	94.7 (0.7)	88.9 (2.1)	85.7 (2.6)	92.9 (0.6)	93.3 (0.8)	94.6 (1.5)	88.3 (2.4)
18 and 19 years	61.2 (0.8)	63.9 (1.0)	57.2 (2.3)	49.5 (2.5)	58.3 (1.2)	61.2 (1.5)	51.5 (3.5)	48.0 (3.4)	64.2 (1.2)	66.7 (1.4)	62.2 (3.1)	51.1 (3.6)
20 and 21 years	44.1 (0.9)	49.2 (1.1)	37.4 (2.4)	26.1 (2.2)	41.0 (1.2)	45.8 (1.5)	31.3 (3.4)	24.2 (3.0)	47.3 (1.3)	52.7 (1.6)	42.3 (3.3)	28.1 (3.3)
22 to 24 years	24.6 (0.6)	24.9 (0.8)	24.0 (1.8)	18.2 (1.6)	23.9 (0.9)	25.0 (1.1)	22.0 (2.5)	15.2 (2.1)	25.3 (0.9)	24.8 (1.1)	25.8 (2.5)	21.6 (2.6)
25 to 29 years	11.4 (0.4)	11.1 (0.5)	14.5 (1.2)	7.4 (0.9)	10.0 (0.5)	10.5 (0.6)	11.6 (1.6)	5.1 (1.1)	12.7 (0.5)	11.8 (0.7)	16.7 (1.7)	9.5 (1.4)
30 to 34 years	6.7 (0.3)	6.1 (0.3)	9.9 (1.0)	5.6 (0.7)	5.6 (0.4)	4.7 (0.4)	8.5 (1.3)	5.7 (1.1)	7.7 (0.4)	7.4 (0.5)	11.2 (1.4)	5.5 (1.0)

NOTE: Includes enrollment in any type of graded public, parochial, or other private schools. Includes nursery schools, kindergartens, elementary schools, high schools, colleges, universities, and professional schools. Attendance may be on either a full-time or part-time basis and during the day or night. Enrollments in "special" schools, such as trade schools, business colleges, or correspondence schools, are not included. Beginning in 1995, preprimary enrollment was collected using new procedures. May not be comparable to figures for earlier years. Data are based upon sample surveys of the civilian noninstitutional population. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data. (This table was prepared July 2001.)

Table 8.—Years of school completed by persons age 25 and over and 25 to 29, by race/ethnicity and sex: 1910 to 2000

Age and year	Percent, by years of school completed											
	All races			White, non-Hispanic [1]			Black, non-Hispanic [1]			Hispanic		
	Less than 5 years of elementary school	High school completion or higher [2]	4 or more years of college [3]	Less than 5 years of elementary school	High school completion or higher [2]	4 or more years of college [3]	Less than 5 years of elementary school	High school completion or higher [2]	4 or more years of college [3]	Less than 5 years of elementary school	High school completion or higher [2]	4 or more years of college [3]
1	2	3	4	5	6	7	8	9	10	11	12	13
	Males and females											
25 and over												
1910[4]	23.8	13.5	2.7	—	—	—	—	—	—	—	—	—
1920[4]	22.0	16.4	3.3	—	—	—	—	—	—	—	—	—
1930[4]	17.5	19.1	3.9	—	—	—	—	—	—	—	—	—
April 1940	13.7	24.5	4.6	10.9	26.1	4.9	41.8	7.7	1.3	—	—	—
April 1950	11.1	34.3	6.2	8.9	36.4	6.6	32.6	13.7	2.2	—	—	—
April 1960	8.3	41.1	7.7	6.7	43.2	8.1	23.5	21.7	3.5	—	—	—
March 1970	5.3	55.2	11.0	4.2	57.4	11.6	14.7	36.1	6.1	—	—	—
March 1980	3.4	68.6	17.0	1.9	71.9	18.4	9.1	51.4	7.9	15.8	44.5	7.6
March 1985	2.7	73.9	19.4	1.4	77.5	20.8	6.1	59.9	11.1	13.5	47.9	8.5
March 1989	2.5	76.9	21.1	1.2	80.7	22.8	5.2	64.7	11.7	12.2	50.9	9.9
March 1990	2.5	77.6	21.3	1.1	81.4	23.1	5.1	66.2	11.3	12.3	50.8	9.2
March 1991	2.4	78.4	21.4	1.1	82.4	23.3	4.7	66.8	11.5	12.5	51.3	9.7
March 1992	2.1	79.4	21.4	0.9	83.4	23.2	3.9	67.7	11.9	11.8	52.6	9.3
March 1993	2.1	80.2	21.9	0.8	84.1	23.8	3.7	70.5	12.2	11.8	53.1	9.0
March 1994	1.9	80.9	22.2	0.8	84.9	24.3	2.7	73.0	12.9	10.8	53.3	9.1
March 1995	1.9	81.7	23.0	0.7	85.9	23.4	2.5	73.8	13.3	10.6	53.4	9.3
March 1996	1.8	81.7	23.6	0.6	86.0	25.9	2.2	74.6	13.8	10.4	53.1	9.3
March 1997	1.7	82.1	23.9	0.6	86.3	26.2	2.0	75.3	13.3	9.4	54.7	10.3
March 1998	1.7	82.8	24.4	0.6	87.1	26.6	1.7	76.4	14.8	9.3	55.5	11.0
March 1999	1.6	83.4	25.2	0.6	87.7	27.7	1.8	77.4	15.5	9.0	56.1	10.9
March 2000	1.6	84.1	25.6	0.5	88.4	28.1	1.6	78.9	16.6	8.7	57.0	10.6
25 to 29												
1920[4]	—	—	—	12.9	22.0	4.5	44.6	6.3	1.2	—	—	—
April 1940	5.9	38.1	5.9	3.4	41.2	6.4	27.0	12.3	1.6	—	—	—
April 1950	4.6	52.8	7.7	3.3	56.3	8.2	16.1	23.6	2.8	—	—	—
April 1960	2.8	60.7	11.0	2.2	63.7	11.8	7.2	38.6	5.4	—	—	—
March 1970	1.1	75.4	16.4	0.9	77.8	17.3	2.2	58.4	10.0	—	—	—
March 1980	0.8	85.4	22.5	0.3	89.2	25.0	0.7	76.7	11.6	6.7	58.0	7.7
March 1985	0.7	86.1	22.2	0.2	89.5	24.4	0.4	80.5	11.6	6.0	60.9	11.1
March 1989	1.0	85.5	23.4	0.3	89.3	26.3	0.5	82.3	12.7	5.4	61.0	10.1
March 1990	1.2	85.7	23.2	0.3	90.1	26.4	1.0	81.7	13.4	7.3	58.2	8.2
March 1991	1.0	85.4	23.2	0.3	89.8	26.7	0.5	81.8	11.0	5.8	56.7	9.2
March 1992	0.9	86.3	23.6	0.3	90.7	27.2	0.8	80.9	11.1	5.2	60.9	9.5
March 1993	0.7	86.7	23.7	0.3	91.2	27.2	0.2	82.7	13.3	4.0	60.9	8.3
March 1994	0.8	86.1	23.3	0.3	91.1	27.1	0.6	84.1	13.6	3.6	60.3	8.0
March 1995	1.0	86.9	24.7	0.3	92.5	28.8	0.2	86.7	15.4	4.9	57.2	8.9
March 1996	0.8	87.3	27.1	0.2	92.6	31.6	0.4	86.0	14.6	4.3	61.1	10.0
March 1997	0.8	87.4	27.8	0.1	92.9	32.6	0.6	86.9	14.2	4.2	61.8	11.0
March 1998	0.7	88.1	27.3	0.1	93.6	32.3	0.4	88.3	15.8	3.7	62.8	10.4
March 1999	0.6	87.8	28.2	0.1	93.0	33.6	0.2	88.7	15.0	3.2	61.6	8.9
March 2000	0.7	88.1	29.1	0.1	94.0	34.0	—	86.8	17.8	3.8	62.8	9.7
	Males											
25 and over												
April 1940	15.1	22.7	5.5	12.0	24.2	5.9	46.2	6.9	1.4	—	—	—
April 1950	12.2	32.6	7.3	9.8	34.6	7.9	36.9	12.6	2.1	—	—	—
April 1960	9.4	39.5	9.7	7.4	41.6	10.3	27.7	20.0	3.5	—	—	—
March 1970	5.9	55.0	14.1	4.5	57.2	15.0	17.9	35.4	6.8	—	—	—
March 1980	3.6	69.2	20.9	2.0	72.4	22.8	11.3	51.2	7.7	16.5	44.9	9.2
March 1990	2.7	77.7	24.4	1.3	81.6	26.7	6.4	65.8	11.9	12.9	50.3	9.8
March 1994	2.1	81.1	25.1	0.8	85.1	27.8	3.9	71.8	12.7	11.4	53.4	9.6
March 1995	2.0	81.7	26.0	0.8	86.0	28.9	3.4	73.5	13.7	10.8	52.9	10.1
March 1996	1.9	81.9	26.0	0.7	86.1	28.8	2.9	74.6	12.5	10.2	53.0	10.3
March 1997	1.8	82.0	26.2	0.6	86.3	29.0	2.9	73.8	12.5	9.2	54.9	10.6
March 1998	1.7	82.8	26.5	0.7	87.1	29.3	2.3	75.4	14.0	9.3	55.7	11.1
March 1999	1.6	83.5	27.5	0.6	87.7	30.6	2.1	77.2	14.3	9.0	56.0	10.7
March 2000	1.6	84.2	27.8	0.6	88.5	30.8	2.1	79.1	16.4	8.2	56.6	10.7
	Females											
25 and over												
April 1940	12.4	26.3	3.8	9.8	28.1	4.0	37.5	8.4	1.2	—	—	—
April 1950	10.0	36.0	5.2	8.1	38.2	5.4	28.6	14.7	2.4	—	—	—
April 1960	7.4	42.5	5.8	6.0	44.7	6.0	19.7	23.1	3.6	—	—	—
March 1970	4.7	55.4	8.2	3.9	57.7	8.6	11.9	36.6	5.6	—	—	—
March 1980	3.2	68.1	13.6	1.8	71.5	14.4	7.4	51.5	8.1	15.3	44.2	6.2
March 1990	2.2	77.5	18.4	1.0	81.3	19.8	4.1	66.5	10.8	11.7	51.3	8.7
March 1994	1.7	80.8	19.6	0.7	84.7	21.1	1.8	73.9	13.1	10.3	53.2	8.6
March 1995	1.7	81.6	20.2	0.6	85.8	22.2	1.8	74.1	13.0	10.4	53.8	8.4
March 1996	1.7	81.6	21.4	0.5	85.9	23.2	1.6	74.6	14.8	10.6	53.3	8.3
March 1997	1.6	82.2	21.7	0.5	86.3	23.7	1.3	76.5	14.0	9.5	54.6	10.1
March 1998	1.6	82.9	22.4	0.6	87.1	24.1	1.2	77.1	15.5	9.2	55.3	10.9
March 1999	1.6	83.4	23.1	0.5	87.7	25.0	1.5	77.5	16.5	9.0	56.3	11.0
March 2000	1.5	84.0	23.6	0.4	88.4	25.5	1.1	78.7	16.8	9.3	57.5	10.6

—Not available.

[1] Includes persons of Hispanic origin for years prior to 1980.

[2] Data for years prior to 1993 include all persons with at least 4 years of high school.

[3] Data for 1993 and later years are for persons with a bachelor's or higher degree.

[4] Estimates based on Bureau of the Census retrojection of 1940 Census data on education by age.

NOTE: Data for 1980 and subsequent years are for the noninstitutional population.

SOURCE: U.S. Department of Commerce, Bureau of the Census, U.S. Census of Population, 1960, Volume 1, part 1; *Current Population Reports*, Series P–20 and unpublished data; and *1960 Census Monograph*, "Education of the American Population," by John K. Folger and Charles B. Nam. (This table was prepared April 2001.)

Table 9.—Highest level of education attained by persons age 18 and over, by age, sex, and race/ethnicity: March 2000

[In thousands]

Age, sex, and race	Total population	Elementary level		High school			College					
		Less than 7 years	7 or 8 years	1 to 3 years	4 years	Graduate	Some college	Associate	Bachelor's	Master's	Professional	Doctorate
1	2	3	4	5	6	7	8	9	10	11	12	13
Total												
18 and over	201,762	6,684	6,249	18,394	2,760	66,141	39,940	14,715	31,708	10,527	2,613	2,032
18 and 19 years old	8,091	90	100	2,961	412	2,294	2,201	25	—	4	—	4
20 to 24 years old	18,441	311	253	1,731	376	5,761	6,985	998	1,867	127	27	4
25 years old and over	175,230	6,283	5,896	13,702	1,973	58,086	30,753	13,692	29,840	10,396	2,586	2,023
25 to 29 years old	18,268	426	265	1,274	210	5,435	3,762	1,588	4,313	735	184	75
30 to 34 years old	19,518	466	264	1,286	283	6,111	3,614	1,735	4,250	1,043	294	172
35 to 39 years old	22,320	550	278	1,475	273	7,522	4,097	2,015	4,245	1,320	319	226
40 to 49 years old	42,233	1,109	664	2,436	389	13,743	7,829	4,087	7,785	2,982	654	554
50 to 59 years old	29,750	988	725	2,068	253	9,764	5,383	2,251	4,813	2,423	573	509
60 to 64 years old	10,519	522	480	1,130	94	3,810	1,587	625	1,302	680	169	122
65 years old and over	32,621	2,222	3,220	4,032	471	11,701	4,481	1,391	3,133	1,213	393	364
Males												
18 and over	96,901	3,330	3,041	8,946	1,362	30,790	18,920	6,460	15,652	5,205	1,762	1,433
18 and 19 years old	4,082	59	69	1,654	180	1,145	954	18	—	—	—	4
20 to 24 years old	9,208	193	133	977	199	2,994	3,426	490	743	39	10	4
25 years old and over	83,611	3,078	2,839	6,315	983	26,651	14,540	5,952	14,909	5,166	1,752	1,425
25 to 29 years old	8,942	220	154	705	107	2,831	1,770	657	2,079	287	96	36
30 to 34 years old	9,621	255	120	660	164	3,158	1,713	730	2,055	514	145	106
35 to 39 years old	11,032	289	157	707	153	3,861	1,978	871	2,018	654	185	158
40 to 49 years old	20,757	587	323	1,216	219	6,787	3,788	1,820	3,761	1,461	441	355
50 to 59 years old	14,340	448	367	944	114	4,179	2,600	1,044	2,622	1,236	425	362
60 to 64 years old	5,032	273	258	513	39	1,609	745	311	694	359	136	94
65 years old and over	13,886	1,006	1,460	1,570	186	4,225	1,947	519	1,679	655	324	313
Females												
18 and over	104,861	3,354	3,208	9,448	1,398	35,350	21,019	8,255	16,056	5,322	852	599
18 and 19 years old	4,009	32	31	1,307	231	1,149	1,247	7	—	4	—	—
20 to 24 years old	9,233	117	121	754	177	2,767	3,559	509	1,125	88	17	—
25 years old and over	91,620	3,204	3,057	7,387	990	31,435	16,213	7,740	14,931	5,230	834	599
25 to 29 years old	9,326	207	111	569	102	2,604	1,992	931	2,234	449	89	39
30 to 34 years old	9,896	211	144	626	118	2,953	1,901	1,005	2,194	529	149	67
35 to 39 years old	11,288	261	121	768	120	3,661	2,119	1,144	2,226	666	134	69
40 to 49 years old	21,476	522	341	1,220	171	6,956	4,041	2,267	4,024	1,521	214	200
50 to 59 years old	15,410	540	358	1,125	139	5,584	2,784	1,207	2,191	1,187	148	147
60 to 64 years old	5,487	248	222	617	55	2,201	842	314	608	320	32	27
65 years old and over	18,735	1,215	1,760	2,462	285	7,476	2,534	871	1,454	558	69	51
White, non-Hispanic												
18 and over	148,091	1,690	4,024	11,136	1,428	49,806	30,037	11,675	25,797	8,640	2,200	1,659
18 and 19 years old	5,269	24	40	1,852	213	1,541	1,585	10	—	—	—	4
20 to 24 years old	12,039	25	90	770	130	3,711	4,988	739	1,466	97	24	—
25 years old and over	130,783	1,640	3,894	8,515	1,085	44,554	23,464	10,926	24,331	8,543	2,176	1,656
25 to 29 years old	11,890	24	73	539	73	3,559	2,431	1,144	3,358	519	118	52
30 to 34 years old	13,090	33	90	565	121	3,997	2,432	1,264	3,461	777	228	122
35 to 39 years old	15,647	50	107	826	141	5,376	2,882	1,543	3,235	1,076	263	149
40 to 49 years old	31,525	180	316	1,429	200	10,359	5,876	3,364	6,298	2,478	563	463
50 to 59 years old	23,089	216	416	1,230	145	7,749	4,455	1,870	4,032	2,041	486	449
60 to 64 years old	8,355	178	316	779	60	3,181	1,328	535	1,129	591	148	110
65 years old and over	27,187	960	2,576	3,148	345	10,334	4,061	1,206	2,818	1,061	368	310
Black, non-Hispanic												
18 and over	23,308	637	721	3,303	560	8,195	5,042	1,449	2,389	828	113	72
18 and 19 years old	1,172	9	13	468	98	368	210	6	—	—	—	—
20 to 24 years old	2,691	4	27	401	93	955	927	113	154	8	3	4
25 years old and over	19,445	624	680	2,434	369	6,872	3,904	1,330	2,234	820	110	68
25 to 29 years old	2,402	3	30	243	40	819	642	196	341	66	18	4
30 to 34 years old	2,534	17	14	188	51	1,032	566	215	335	102	10	5
35 to 39 years old	2,812	11	21	223	58	1,037	679	224	444	92	9	14
40 to 49 years old	5,001	71	66	501	78	1,862	1,128	388	621	230	36	18
50 to 59 years old	2,968	55	85	496	45	1,056	501	185	313	199	19	13
60 to 64 years old	1,009	48	80	203	27	325	160	42	64	50	8	2
65 years old and over	2,719	419	384	580	70	740	227	81	118	81	7	11
Hispanic												
18 and over	21,109	3,873	1,310	3,303	597	5,966	3,196	959	1,332	372	117	84
18 and 19 years old	1,204	57	46	511	65	277	245	3	—	—	—	—
20 to 24 years old	2,755	275	124	507	132	898	639	97	83	—	—	—
25 years old and over	17,150	3,540	1,140	2,286	401	4,791	2,313	858	1,249	372	117	84
25 to 29 years old	2,831	381	152	433	88	849	494	162	214	38	19	2
30 to 34 years old	2,829	407	148	470	96	850	411	171	210	38	13	13
35 to 39 years old	2,810	453	131	394	53	880	389	160	252	68	22	9
40 to 49 years old	3,744	771	251	413	78	1,025	550	189	303	114	28	24
50 to 59 years old	2,429	621	200	270	42	627	286	101	160	78	26	19
60 to 64 years old	755	246	67	101	5	201	60	23	31	14	3	4
65 years old and over	1,752	661	191	205	39	359	123	52	79	22	7	13

—Not available.

NOTE: Total population is civilian noninstitutional population. Data are based on a sample survey of the noninstitutional population. Although cells with fewer than 75,000 people are subject to relatively wide sampling variation, they are included in the table to permit various types of aggregations. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data. (This table was prepared April 2001.)

Table 10.—Number of persons age 18 and over who hold a bachelor's or higher degree, by field of study, sex, race/ethnicity, and age: 1996

[Numbers in thousands]

Field of study	Total	Sex		Race/ethnicity			Age		
		Males	Females	White, non-Hispanic	Black	Hispanic	18 to 29 years old	30 to 49 years old	50 years and over
1	2	3	4	5	6	7	8	9	10
Total population, 18 and over	**196,121**	**94,092**	**102,029**	**148,397**	**22,813**	**18,081**	**43,775**	**83,107**	**69,238**
Number of persons with bachelor's or higher degree	40,543	21,084	19,459	34,090	2,640	1,515	6,787	21,976	11,780
Percent of population	20.7	22.4	19.1	23.0	11.6	8.4	15.5	26.4	17.0
Agriculture	484	421	63	414	18	27	51	276	156
Architecture	1,118	490	627	960	27	50	236	601	281
Business	8,019	5,241	2,778	6,726	606	286	1,333	4,790	1,897
Communications	895	452	443	773	56	39	281	514	100
Computer	913	621	292	704	91	41	172	659	83
Education	6,785	1,737	5,049	5,806	553	281	701	3,315	2,768
Engineering	2,913	2,656	256	2,452	74	61	425	1,480	1,009
Literature	1,093	315	777	955	46	46	231	491	370
Foreign language	297	79	218	246	11	18	56	126	114
Health sciences	1,611	295	1,316	1,301	108	55	339	894	378
Law	1,127	889	237	1,024	47	29	85	691	351
Liberal arts	2,030	883	1,149	1,670	139	96	404	1,011	616
Mathematics	736	479	257	612	79	23	134	394	209
Medicine and dentistry	996	731	265	794	7	72	85	559	352
Natural science	1,928	1,092	835	1,599	81	61	413	990	525
Nursing, public health	424	65	359	377	23	5	18	245	160
Philosophy	610	489	121	532	30	18	88	260	260
Pre-professional	147	66	80	101	22	21	60	51	35
Psychology	1,350	493	857	1,130	110	51	319	735	295
Social sciences	1,795	815	979	1,494	173	49	364	944	485
Other fields	5,273	2,774	2,500	4,419	342	187	988	2,947	1,338
	Percentage distribution of degree holders, by field								
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Agriculture	1.2	2.0	0.3	1.2	0.7	1.8	0.8	1.3	1.3
Architecture	2.8	2.3	3.2	2.8	1.0	3.3	3.5	2.7	2.4
Business	19.8	24.9	14.3	19.7	23.0	18.9	19.6	21.8	16.1
Communications	2.2	2.1	2.3	2.3	2.1	2.6	4.1	2.3	0.8
Computer	2.3	2.9	1.5	2.1	3.4	2.7	2.5	3.0	0.7
Education	16.7	8.2	25.9	17.0	20.9	18.5	10.3	15.1	23.5
Engineering	7.2	12.6	1.3	7.2	2.8	4.0	6.3	6.7	8.6
Literature	2.7	1.5	4.0	2.8	1.7	3.0	3.4	2.2	3.1
Foreign language	0.7	0.4	1.1	0.7	0.4	1.2	0.8	0.6	1.0
Health sciences	4.0	1.4	6.8	3.8	4.1	3.6	5.0	4.1	3.2
Law	2.8	4.2	1.2	3.0	1.8	1.9	1.3	3.1	3.0
Liberal arts	5.0	4.2	5.9	4.9	5.3	6.3	6.0	4.6	5.2
Mathematics	1.8	2.3	1.3	1.8	3.0	1.5	2.0	1.8	1.8
Medicine and dentistry	2.5	3.5	1.4	2.3	0.3	4.8	1.3	2.5	3.0
Natural science	4.8	5.2	4.3	4.7	3.1	4.0	6.1	4.5	4.5
Nursing, public health	1.0	0.3	1.8	1.1	0.9	0.3	0.3	1.1	1.4
Philosophy	1.5	2.3	0.6	1.6	1.1	1.2	1.3	1.2	2.2
Pre-professional	0.4	0.3	0.4	0.3	0.8	1.4	0.9	0.2	0.3
Psychology	3.3	2.3	4.4	3.3	4.2	3.4	4.7	3.3	2.5
Social sciences	4.4	3.9	5.0	4.4	6.6	3.2	5.4	4.3	4.1
Other fields	13.0	13.2	12.8	13.0	13.0	12.3	14.6	13.4	11.4

NOTE: Data are based on a sample survey of the civilian noninstitutional population. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Survey of Income and Program Participation*, unpublished data. (This table was prepared April 2001.)

Table 11.—Educational attainment of persons 18 years old and over, by state: 1990 to 2000

State	Distribution of population, 25 years old and over, by education level, 1990					Percent of population, 25 years old and over, by education level, 2000		Percent of 18- to 24-year-olds who are high school graduates[1]	
	Percent less than high school	Percent high school diploma or higher	Percent with bachelor's degree or higher			Percent with high school diploma or higher	Percent with bachelor's degree or higher	1993–95	1997–99
			Total	Bachelor's degree	Graduate or professional degree				
1	2	3	4	5	6	7	8	9	10
United States	**24.8**	**75.2**	**20.3**	**13.1**	**7.2**	**84.1 —**	**25.6 —**	**85.3 (0.2)**	**85.5 (0.2)**
Alabama	33.1	66.9	15.7	10.1	5.5	77.5 (1.2)	20.4 (1.2)	84.0 (1.7)	83.1 (1.6)
Alaska	13.4	86.6	23.0	15.0	8.0	90.4 (1.0)	28.1 (1.6)	90.5 (3.9)	90.8 (3.7)
Arizona	21.3	78.7	20.3	13.3	7.0	85.1 (1.0)	24.6 (1.2)	84.0 (1.8)	75.0 (1.7)
Arkansas	33.7	66.3	13.3	8.9	4.5	81.7 (1.1)	18.4 (1.1)	88.4 (2.0)	82.9 (2.2)
California	23.8	76.2	23.4	15.3	8.1	81.2 (0.5)	27.5 (0.5)	78.9 (0.7)	81.5 (0.6)
Colorado	15.6	84.4	27.0	18.0	9.0	89.7 (0.9)	34.6 (1.3)	88.4 (1.6)	83.3 (1.8)
Connecticut	20.8	79.2	27.2	16.2	11.0	88.2 (1.0)	31.6 (1.5)	94.7 (1.3)	90.1 (1.7)
Delaware	22.5	77.5	21.4	13.7	7.7	86.1 (1.3)	24.0 (1.5)	93.3 (2.8)	89.1 (3.5)
District of Columbia	26.9	73.1	33.3	16.1	17.2	83.2 (1.3)	38.3 (1.8)	87.7 (4.1)	87.2 (4.0)
Florida	25.6	74.4	18.3	12.0	6.3	84.0 (0.6)	22.8 (0.7)	80.7 (1.0)	84.8 (0.9)
Georgia	29.1	70.9	19.3	12.9	6.4	82.6 (1.0)	23.1 (1.1)	80.3 (1.4)	83.7 (1.3)
Hawaii	19.9	80.1	22.9	15.8	7.1	87.4 (1.2)	26.3 (1.6)	92.0 (2.5)	90.7 (2.5)
Idaho	20.3	79.7	17.7	12.4	5.3	86.2 (1.0)	20.0 (1.2)	86.4 (3.0)	85.5 (2.8)
Illinois	23.8	76.2	21.0	13.6	7.5	85.5 (0.6)	27.1 (0.8)	86.7 (0.9)	86.2 (0.9)
Indiana	24.4	75.6	15.6	9.2	6.4	84.6 (1.1)	17.1 (1.1)	88.5 (1.2)	88.6 (1.3)
Iowa	19.9	80.1	16.9	11.7	5.2	89.7 (0.9)	25.5 (1.3)	93.2 (1.3)	88.2 (1.9)
Kansas	18.7	81.3	21.1	14.1	7.0	88.1 (1.0)	27.3 (1.3)	90.9 (1.7)	91.6 (1.5)
Kentucky	35.4	64.6	13.6	8.1	5.5	78.7 (1.2)	20.5 (1.2)	82.4 (2.0)	86.6 (1.7)
Louisiana	31.7	68.3	16.1	10.5	5.6	80.8 (1.2)	22.5 (1.3)	80.5 (1.9)	82.1 (1.6)
Maine	21.2	78.8	18.8	12.7	6.1	89.3 (1.0)	24.1 (1.4)	92.9 (2.3)	92.9 (2.3)
Maryland	21.6	78.4	26.5	15.6	10.9	85.7 (1.2)	32.3 (1.6)	93.6 (1.1)	90.1 (1.4)
Massachusetts	20.0	80.0	27.2	16.6	10.6	85.1 (0.8)	32.7 (1.0)	92.5 (1.1)	90.1 (1.2)
Michigan	23.2	76.8	17.4	10.9	[illegible]	86.2 (0.7)	23.0 (0.8)	88.7 (1.0)	90.1 (0.9)
Minnesota	17.6	82.4	21.8	15.6	6.3	90.8 (0.9)	31.2 (1.3)	93.3 (1.1)	90.4 (1.3)
Mississippi	35.7	64.3	14.7	9.7	5.1	80.3 (1.2)	18.7 (1.2)	83.9 (2.1)	82.1 (2.1)
Missouri	26.1	73.9	17.8	11.7	6.1	86.6 (1.0)	26.2 (1.3)	90.3 (1.3)	91.6 (1.2)
Montana	19.0	81.0	19.8	14.1	5.7	89.6 (0.9)	23.8 (1.2)	89.8 (3.5)	91.0 (2.7)
Nebraska	18.2	81.8	18.9	13.1	5.9	90.4 (0.9)	24.6 (1.3)	94.5 (1.7)	91.5 (1.9)
Nevada	21.2	78.8	15.3	10.1	5.2	82.8 (1.2)	19.3 (1.3)	81.9 (3.4)	74.5 (3.1)
New Hampshire	17.8	82.2	24.4	16.4	7.9	88.1 (1.2)	30.1 (1.6)	86.9 (3.2)	87.3 (3.3)
New Jersey	23.3	76.7	24.9	16.0	8.8	87.3 (0.6)	30.1 (0.9)	91.8 (1.0)	90.2 (1.0)
New Mexico	24.9	75.1	20.4	12.1	8.3	82.2 (1.2)	23.6 (1.3)	82.4 (3.0)	82.7 (2.7)
New York	25.2	74.8	23.1	13.2	9.9	82.5 (0.5)	28.7 (0.6)	87.1 (0.8)	85.2 (0.8)
North Carolina	30.0	70.0	17.4	12.0	5.4	79.2 (1.0)	23.2 (1.0)	85.5 (1.3)	86.1 (1.1)
North Dakota	23.3	76.7	18.1	13.5	4.5	85.5 (1.0)	22.6 (1.2)	96.6 (2.1)	93.6 (2.8)
Ohio	24.3	75.7	17.0	11.1	5.9	87.0 (0.6)	24.6 (0.8)	88.4 (0.9)	89.3 (0.9)
Oklahoma	25.4	74.6	17.8	11.8	6.0	86.1 (0.9)	22.5 (1.1)	87.0 (1.9)	85.4 (1.9)
Oregon	18.5	81.5	20.6	13.6	7.0	88.1 (1.0)	27.2 (1.3)	[illegible] (2.1)	78.5 (2.1)
Pennsylvania	25.3	74.7	17.9	11.3	6.6	85.7 (0.6)	24.3 (0.7)	89.5 (0.9)	87.6 (0.9)
Rhode Island	28.0	72.0	21.3	13.5	7.8	81.3 (1.3)	26.4 (1.5)	89.4 (3.3)	86.7 (3.3)
South Carolina	31.7	68.3	16.6	11.2	5.4	83.0 (1.2)	19.0 (1.3)	88.0 (1.6)	86.9 (1.7)
South Dakota	22.9	77.1	17.2	12.3	4.9	91.8 (0.9)	25.7 (1.3)	91.5 (3.3)	91.5 (2.8)
Tennessee	32.9	67.1	16.0	10.5	5.4	79.9 (1.2)	22.0 (1.3)	84.6 (1.5)	89.5 (1.3)
Texas	27.9	72.1	20.3	13.9	6.5	79.2 (0.6)	23.9 (0.6)	79.5 (0.9)	79.2 (0.9)
Utah	14.9	85.1	22.3	15.4	6.8	90.7 (0.9)	26.4 (1.3)	93.6 (1.5)	89.7 (1.6)
Vermont	19.2	80.8	24.3	15.4	8.9	90.0 (1.2)	28.8 (1.7)	88.1 (4.3)	95.3 (2.8)
Virginia	24.8	75.2	24.5	15.4	9.1	86.6 (1.0)	31.9 (1.3)	87.7 (1.2)	87.0 (1.3)
Washington	16.2	83.8	22.9	15.9	7.0	91.8 (0.9)	28.6 (1.5)	85.7 (1.4)	87.0 (1.3)
West Virginia	34.0	66.0	12.3	7.5	4.8	77.1 (1.2)	15.3 (1.0)	86.8 (2.4)	89.2 (2.2)
Wisconsin	21.4	78.6	17.7	12.1	5.6	86.7 (1.0)	23.8 (1.2)	93.7 (1.0)	90.6 (1.2)
Wyoming	17.0	83.0	18.8	13.1	5.7	90.0 (0.9)	20.6 (1.2)	90.8 (4.0)	87.8 (4.4)

—Not available.

[1] Excludes students still enrolled in high school. Data reflect 3-year averages.

NOTE: Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Educational Attainment in the United States," various years; Decennial Census, *Minority Economic Profiles*, unpublished data; and U.S. Department of Education, National Center for Education Statistics, *Dropout Rates in the United States*, various years. (This table was prepared April 2001.)

Table 12.—Educational attainment of persons 25 years old and over, by state and race/ethnicity: April 1990

State	Percent with high school diploma or higher						Percent with bachelor's degree or higher					
	Total	White[1]	Black[1]	Hispanic[2]	Asian/ Pacific Islander[1]	American Indian or Alaskan Native[1]	Total	White[1]	Black[1]	Hispanic[2]	Asian/ Pacific Islander[1]	American Indian or Alaskan Native[1]
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**75.2**	**77.9**	**63.1**	**49.8**	**77.5**	**65.5**	**20.3**	**21.5**	**11.4**	**9.2**	**36.6**	**9.3**
Alabama	66.9	70.3	54.6	73.8	78.9	64.9	15.7	17.3	9.3	20.1	43.7	11.6
Alaska	86.6	91.1	88.2	80.4	75.4	63.1	23.0	26.8	14.1	14.6	20.5	4.1
Arizona	78.7	82.4	75.1	51.7	80.2	52.1	20.3	22.2	14.3	6.9	37.5	4.6
Arkansas	66.3	68.6	51.5	59.1	66.4	65.4	13.3	14.1	8.4	11.1	24.6	9.8
California	76.2	81.1	75.6	45.0	77.2	71.4	23.4	25.4	14.8	7.1	34.1	11.1
Colorado	84.4	86.1	80.8	58.3	78.3	73.9	27.0	28.3	17.1	8.6	32.1	12.1
Connecticut	79.2	80.9	67.0	53.5	81.9	68.9	27.2	28.5	12.3	12.1	50.8	12.5
Delaware	77.5	80.3	63.2	60.1	86.1	62.0	21.4	23.0	10.6	16.5	55.9	10.2
District of Columbia	73.1	93.1	63.8	52.6	80.2	66.3	33.3	69.0	15.3	24.0	50.9	17.7
Florida	74.4	77.0	56.4	57.2	77.8	68.2	18.3	19.3	9.8	14.2	33.6	11.5
Georgia	70.9	74.9	58.6	66.2	77.5	71.6	19.3	21.8	11.0	20.5	38.6	12.5
Hawaii	80.1	89.3	94.2	73.9	74.7	84.4	22.9	30.2	15.2	10.3	19.4	17.7
Idaho	79.7	80.9	82.8	43.4	80.3	68.1	17.7	18.0	15.8	6.6	27.6	7.2
Illinois	76.2	79.1	65.2	45.0	83.9	71.4	21.0	22.4	11.4	8.0	49.8	13.4
Indiana	75.6	76.5	65.4	62.6	85.8	65.0	15.6	17.6	9.3	10.8	53.1	8.4
Iowa	80.1	80.3	70.1	64.2	76.4	67.6	16.9	16.7	12.8	13.7	47.3	9.7
Kansas	81.3	82.4	71.0	58.1	73.6	75.4	21.1	21.7	11.6	10.1	39.9	10.8
Kentucky	64.6	64.7	61.7	74.0	77.9	59.8	13.6	13.9	7.7	18.9	44.2	8.0
Louisiana	68.3	74.2	53.1	67.6	68.1	49.1	16.1	18.7	9.1	16.6	31.4	5.5
Maine	78.8	78.9	87.6	83.8	74.3	69.9	18.8	18.8	22.3	23.6	44.9	7.7
Maryland	78.4	80.8	70.6	70.3	84.8	73.4	26.5	28.9	16.1	25.2	50.3	19.7
Massachusetts	80.0	81.2	70.0	52.0	74.1	71.1	27.2	27.7	17.0	13.6	44.9	14.9
Michigan	76.8	78.6	64.9	60.9	83.3	67.8	17.4	18.1	10.1	11.6	54.1	7.5
Minnesota	82.4	82.8	76.2	71.1	69.7	68.2	21.8	21.9	17.5	17.2	33.5	7.7
Mississippi	64.3	71.7	47.3	67.7	68.2	57.4	14.7	17.2	8.8	17.1	35.1	8.1
Missouri	73.9	74.9	65.1	71.0	81.5	65.1	17.8	18.3	11.2	18.0	47.3	11.0
Montana	81.0	81.7	80.9	66.4	78.5	68.1	19.8	20.3	18.4	10.9	32.1	7.9
Nebraska	81.8	82.4	73.2	60.0	80.0	69.0	18.9	19.2	12.4	9.4	39.5	8.8
Nevada	78.8	80.9	70.8	53.7	74.1	69.8	15.3	15.9	9.0	7.0	21.9	8.0
New Hampshire	82.2	82.2	86.1	78.2	82.7	65.9	24.4	24.2	25.7	25.5	26.1	16.0
New Jersey	76.7	78.6	67.0	53.9	86.8	66.9	24.9	25.8	13.6	10.8	57.1	14.8
New Mexico	75.1	78.6	74.7	59.6	80.8	58.2	20.4	23.4	14.2	8.7	38.7	5.8
New York	76.7	78.5	64.7	50.4	72.4	65.2	23.1	25.3	12.6	9.3	38.7	13.4
North Carolina	70.0	73.1	58.1	71.0	77.9	51.5	17.4	19.3	9.5	17.9	39.3	7.9
North Dakota	76.7	76.9	95.9	75.2	83.7	64.3	18.1	18.3	17.1	15.9	37.8	8.3
Ohio	75.7	76.9	64.6	63.3	83.5	65.3	17.0	17.6	9.1	14.2	53.2	8.3
Oklahoma	74.6	75.7	70.1	55.9	76.1	68.1	17.8	18.7	12.0	10.5	34.7	10.8
Oregon	81.5	82.3	75.0	53.0	79.4	71.0	20.6	20.8	9.1	10.1	32.3	8.3
Pennsylvania	74.7	75.9	63.5	52.2	77.1	67.8	17.9	18.5	10.0	11.8	45.2	12.0
Rhode Island	72.0	73.0	65.9	46.8	59.6	64.5	21.3	21.8	12.7	8.9	30.6	8.3
South Carolina	68.3	73.6	53.3	71.8	77.4	62.5	16.6	19.8	7.6	19.8	34.4	10.9
South Dakota	77.1	77.8	82.2	71.3	74.3	62.5	17.2	17.6	24.1	13.4	33.1	6.8
Tennessee	67.1	68.2	59.4	71.5	79.3	63.1	16.0	16.7	10.2	21.9	42.6	10.5
Texas	72.1	76.2	66.1	44.6	79.1	70.9	20.3	22.6	12.0	7.3	41.3	13.9
Utah	85.1	86.2	77.0	61.0	80.7	59.3	22.3	22.7	15.9	9.1	29.4	6.4
Vermont	80.8	80.8	82.9	84.7	87.1	66.8	24.3	24.2	30.5	28.2	52.1	11.1
Virginia	75.2	78.3	60.3	70.5	82.1	70.7	24.5	27.0	11.1	22.4	40.2	14.7
Washington	83.8	85.0	81.2	56.7	77.3	72.3	22.9	23.3	15.4	11.0	30.2	9.1
West Virginia	66.0	66.0	64.7	70.3	88.8	57.9	12.3	12.2	10.9	17.6	63.3	6.5
Wisconsin	78.6	79.6	61.3	54.1	71.5	66.8	17.7	18.1	8.3	10.0	40.4	5.5
Wyoming	83.0	83.9	81.2	59.3	77.5	68.2	18.8	19.3	9.5	4.8	28.6	6.2

[1] Includes persons of Hispanic origin.

[2] Persons of Hispanic origin may be of any race.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Decennial Census, Minority Economic Profiles, unpublished data. (This table was prepared June 1993.)

Table 13.—Educational attainment of persons 25 years old and over, for the 25 largest states, by sex: March 2000

State	Number of persons 25 years old and over (in thousands)			Percent high school completion or higher			Percent completed bachelor's or higher degree		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10
Alabama	2,790	1,270	1,520	77.5 (1.2)	78.1 (1.8)	76.9 (1.6)	20.4 (1.2)	22.1 (1.8)	19.0 (1.5)
Arizona	2,996	1,416	1,580	85.1 (1.0)	84.5 (1.5)	85.6 (1.4)	24.6 (1.2)	26.9 (1.9)	22.6 (1.6)
California	20,983	10,123	10,860	81.2 (0.5)	81.7 (0.7)	80.7 (0.7)	27.5 (0.5)	29.7 (0.8)	25.3 (0.7)
Colorado	2,640	1,325	1,315	89.7 (0.9)	88.5 (1.3)	90.9 (1.2)	34.6 (1.3)	35.0 (1.9)	34.2 (1.9)
Florida	10,156	4,844	5,311	84.0 (0.6)	83.7 (0.9)	84.2 (0.8)	22.8 (0.7)	25.4 (1.0)	20.4 (0.9)
Georgia	5,024	2,390	2,634	82.6 (1.0)	82.8 (1.5)	82.4 (1.4)	23.1 (1.1)	25.1 (1.6)	21.2 (1.5)
Illinois	7,513	3,581	3,932	85.5 (0.6)	85.6 (0.9)	85.5 (0.9)	27.1 (0.8)	29.2 (1.2)	25.1 (1.0)
Indiana	3,893	1,879	2,014	84.6 (1.1)	83.8 (1.6)	85.4 (1.5)	17.1 (1.1)	17.7 (1.6)	16.6 (1.5)
Kentucky	2,543	1,213	1,331	78.7 (1.2)	76.4 (1.8)	80.9 (1.6)	20.5 (1.2)	23.5 (1.8)	17.8 (1.6)
Louisiana	2,641	1,193	1,448	80.8 (1.2)	80.9 (1.8)	80.7 (1.6)	22.5 (1.3)	24.3 (1.9)	21.0 (1.6)
Maryland	3,417	1,598	1,819	85.7 (1.2)	85.8 (1.7)	85.6 (1.6)	32.3 (1.6)	34.7 (2.3)	30.1 (2.1)
Massachusetts	4,075	1,945	2,131	85.1 (0.8)	85.1 (1.2)	85.0 (1.1)	32.7 (1.0)	36.5 (1.6)	29.2 (1.4)
Michigan	6,262	3,033	3,229	86.2 (0.7)	86.0 (1.0)	86.4 (0.9)	23.0 (0.8)	25.8 (1.2)	20.4 (1.1)
Minnesota	2,997	1,462	1,535	90.8 (0.9)	89.4 (1.3)	92.2 (1.1)	31.2 (1.3)	33.2 (1.9)	29.2 (1.9)
Missouri	3,500	1,702	1,797	86.6 (1.0)	86.3 (1.5)	86.8 (1.5)	26.2 (1.3)	26.7 (1.9)	25.7 (1.9)
New Jersey	5,380	2,508	2,872	87.3 (0.6)	88.9 (0.9)	85.9 (0.9)	30.1 (0.9)	33.3 (1.3)	27.2 (1.2)
New York	12,009	5,471	6,538	82.5 (0.5)	84.0 (0.7)	81.3 (0.7)	28.7 (0.6)	31.7 (1.0)	26.2 (0.9)
North Carolina	4,936	2,378	2,558	79.2 (1.0)	79.6 (1.3)	78.8 (1.3)	23.2 (1.0)	23.3 (1.4)	23.2 (1.4)
Ohio	7,240	3,426	3,815	87.0 (0.6)	86.5 (0.9)	87.3 (0.9)	24.6 (0.8)	27.1 (1.2)	22.4 (1.0)
Pennsylvania	7,788	3,608	4,181	85.7 (0.6)	85.4 (0.9)	86.0 (0.8)	24.3 (0.7)	27.8 (1.2)	21.2 (1.0)
Tennessee	3,579	1,739	1,840	79.9 (1.2)	79.9 (1.8)	79.9 (1.7)	22.0 (1.3)	23.8 (1.9)	20.3 (1.7)
Texas	12,484	6,041	6,443	79.2 (0.6)	79.7 (0.9)	78.7 (0.9)	23.9 (0.6)	26.0 (0.9)	22.0 (0.9)
Virginia	4,568	2,208	2,360	86.6 (1.0)	86.1 (1.4)	87.0 (1.3)	31.9 (1.3)	34.5 (1.9)	29.4 (1.8)
Washington	3,687	1,770	1,918	91.8 (0.9)	92.0 (1.3)	91.6 (1.3)	28.6 (1.5)	32.1 (2.2)	25.3 (2.0)
Wisconsin	3,352	1,676	1,677	86.7 (1.0)	85.6 (1.5)	87.8 (1.3)	23.8 (1.2)	26.2 (1.8)	21.4 (1.7)

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Educational Attainment in the United States: March 2000." (This table was prepared April 2001.)

Table 14.—Educational attainment of persons 25 years old and over, for the 15 largest metropolitan areas, by sex: March 2000

Metropolitan area	Number of persons 25 years old and over (in thousands)			Percent high school completion or higher			Percent completed bachelor's or higher degree		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10
Atlanta, GA, MSA	2,620	1,257	1,363	89.0 (1.2)	89.4 (1.7)	88.7 (1.6)	31.4 (1.8)	35.0 (2.6)	28.1 (2.4)
Boston-Worcester-Lawrence, MA/NH/ME/CT, CMSA	3,823	1,851	1,972	85.3 (0.8)	85.4 (1.2)	85.2 (1.2)	34.4 (1.1)	37.7 (1.6)	31.2 (1.5)
Chicago-Gary-Kenosha, IL/IN/WI, CMSA	5,274	2,522	2,751	85.2 (0.8)	84.8 (1.2)	85.6 (1.1)	30.7 (1.0)	32.6 (1.5)	28.9 (1.4)
Cleveland-Akron, OH, CMSA	2,020	935	1,085	89.6 (1.0)	90.3 (1.5)	89.0 (1.5)	28.7 (1.6)	33.0 (2.4)	24.9 (2.0)
Dallas-Fort Worth, TX, CMSA	3,251	1,592	1,659	85.6 (1.1)	84.9 (1.6)	86.2 (1.5)	30.7 (1.4)	32.3 (2.1)	29.2 (1.9)
Detroit-Ann Arbor-Flint, MI, CMSA	3,623	1,757	1,866	85.4 (0.9)	86.0 (1.2)	84.7 (1.3)	26.2 (1.1)	30.6 (1.6)	22.1 (1.5)
Houston-Galveston-Brazoria, TX, CMSA	2,786	1,373	1,413	79.1 (1.5)	79.1 (2.0)	79.1 (2.0)	25.7 (1.5)	28.0 (2.2)	23.4 (2.1)
Los Angeles-Riverside-Orange County, CA, CMSA	9,754	4,737	5,017	77.9 (0.7)	78.7 (0.9)	77.1 (0.9)	25.6 (0.7)	28.7 (1.0)	22.6 (0.9)
Miami-Fort Lauderdale, FL, CMSA	2,495	1,186	1,309	81.7 (1.2)	80.8 (1.7)	82.6 (1.6)	25.1 (1.3)	28.3 (1.9)	22.1 (1.7)
New York-Northern New Jersey-Long Island, NY/NJ/CT/PA, CMSA	13,406	6,113	7,293	83.4 (0.4)	85.1 (0.6)	81.9 (0.6)	32.6 (0.5)	35.9 (0.9)	29.7 (0.7)
Philadelphia-Wilmington-Atlantic City, PA/NJ/DE/MD, CMSA	4,015	1,850	2,165	86.4 (0.8)	86.2 (1.2)	86.5 (1.0)	27.8 (1.0)	32.4 (1.5)	23.9 (1.3)
Pittsburgh, PA, MSA	1,537	694	843	87.5 (1.3)	87.3 (1.9)	87.6 (1.7)	24.2 (1.6)	28.1 (2.6)	20.9 (2.1)
St. Louis, MO/IL, MSA	1,683	811	873	85.5 (1.6)	84.5 (2.3)	86.5 (2.1)	24.5 (1.9)	26.3 (2.8)	22.8 (2.6)
San Francisco-Oakland-San Jose, CA, CMSA	4,759	2,318	2,440	88.9 (0.9)	89.1 (1.2)	88.6 (1.2)	37.3 (1.3)	38.4 (1.8)	36.2 (1.8)
Washington-Baltimore, DC/MD/VA/WV, CMSA	4,938	2,381	2,557	87.8 (0.7)	88.8 (1.0)	86.9 (1.0)	37.2 (1.1)	40.6 (1.6)	34.0 (1.5)

CMSA=Consolidated Metropolitan Statistical Area.
MSA=Metropolitan Statistical Area.

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Educational Attainment in the United States: March 2000." (This table was prepared April 2001.)

Table 15.—Estimates of resident population, by age group: July 1, 1970 to July 1, 2000

[In thousands]

Year	Total, all ages	Total, 3 to 34 years	3 and 4 years	5 and 6 years	7 to 13 years	14 to 17 years	18 and 19 years	20 and 21 years	22 to 24 years	25 to 29 years	30 to 34 years
1	2	3	4	5	6	7	8	9	10	11	12
1970	203,984	108,653	6,962	7,703	28,969	15,921	7,410	6,850	9,728	13,604	11,505
1971	206,827	110,482	6,805	7,344	28,892	16,326	7,644	7,106	10,596	13,927	11,842
1972	209,284	112,287	6,789	7,051	28,628	16,637	7,854	7,447	10,418	15,142	12,321
1973	211,357	113,954	6,938	6,888	28,159	16,864	8,044	7,658	10,615	15,694	13,094
1974	213,342	115,641	7,117	6,864	27,599	17,033	8,196	7,893	10,864	16,428	13,644
1975	215,465	117,006	6,912	7,014	26,904	17,125	8,418	8,089	11,228	17,183	14,131
1976	217,563	118,073	6,437	7,194	26,321	17,117	8,604	8,240	11,554	18,177	14,428
1977	219,760	118,853	6,190	6,978	25,878	17,042	8,613	8,456	11,856	18,180	15,661
1978	222,095	119,414	6,208	6,499	25,593	16,944	8,617	8,628	12,120	18,585	16,218
1979	224,567	120,126	6,252	6,256	25,174	16,610	8,698	8,653	12,443	19,077	16,961
1980	227,225	121,132	6,366	6,291	24,800	16,143	8,718	8,669	12,716	19,686	17,743
1981	229,466	121,999	6,535	6,315	24,396	15,609	8,582	8,759	12,903	20,169	18,731
1982	231,664	121,823	6,658	6,407	24,121	15,057	8,480	8,768	12,914	20,704	18,714
1983	233,792	122,302	6,877	6,572	23,709	14,740	8,290	8,652	12,981	21,414	19,067
1984	235,825	122,254	7,045	6,694	23,367	14,725	7,932	8,567	12,962	21,459	19,503
1985	237,924	122,512	7,134	6,916	22,976	14,888	7,637	8,370	12,895	21,671	20,025
1986	240,133	122,688	7,187	7,086	22,992	14,824	7,483	8,024	12,720	21,893	20,479
1987	242,289	122,672	7,132	7,178	23,325	14,502	7,502	7,742	12,450	21,857	20,984
1988	244,499	122,713	7,176	7,238	23,791	14,023	7,701	7,606	12,048	21,739	21,391
1989	246,819	122,655	7,315	7,184	24,228	13,536	7,898	7,651	11,607	21,560	21,676
1990	249,464	122,663	7,355	7,239	24,763	13,322	7,700	7,884	11,250	21,236	21,912
1991	252,153	122,569	7,425	7,370	25,100	13,452	7,196	8,019	11,137	20,713	22,157
1992	255,030	122,579	7,577	7,404	25,539	13,703	6,929	7,778	11,269	20,140	22,240
1993	257,783	122,704	7,832	7,485	25,898	13,953	6,955	7,308	11,477	19,570	22,227
1994	260,327	122,855	8,014	7,639	26,074	14,492	7,007	7,039	11,350	19,107	22,133
1995	262,803	122,924	8,014	7,890	26,305	14,828	7,130	7,064	10,918	18,905	21,870
1996	265,229	122,816	7,911	8,070	26,534	15,213	7,335	7,112	10,396	18,933	21,313
1997	267,784	122,830	7,787	8,073	26,933	15,499	7,492	7,252	10,237	18,820	20,739
1998	270,248	122,830	7,696	7,972	27,424	15,518	7,798	7,451	10,227	18,575	20,168
1999	272,691	122,812	7,607	7,838	27,765	15,654	7,986	7,603	10,423	18,209	19,727
2000	275,130	122,952	7,569	7,740	28,013	15,725	8,067	7,907	10,567	17,817	19,547

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-25, Nos. 1000, 1022, 1045, 1057, 1059, 1092, 1095; U.S. Population Estimates, by Age, Sex, Race, and Hispanic Origin: 1990 to 1999, PPL-91R; and unpublished data. (This table was prepared April 2001.)

Table 16.—Estimates of school-age resident population, by race and sex: July 1, 1970 to July 1, 2000

[In thousands]

Year	Total			White			Black			Other races		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
1970	52,593	26,793	25,801	44,783	22,877	21,906	7,108	3,561	3,547	703	355	349
1971	52,562	26,780	25,782	44,644	22,809	21,834	7,182	3,600	3,583	737	371	365
1972	52,316	26,658	25,658	44,336	22,655	21,681	7,211	3,615	3,596	768	388	380
1973	51,910	26,456	25,455	43,898	22,434	21,464	7,213	3,617	3,596	799	405	394
1974	51,498	26,249	25,249	43,454	22,210	21,244	7,213	3,618	3,596	830	420	409
1975	51,044	26,022	25,022	42,950	21,956	20,994	7,199	3,611	3,588	895	456	440
1976	50,633	25,822	24,811	42,477	21,721	20,755	7,208	3,617	3,591	948	483	465
1977	49,897	25,456	24,441	41,737	21,350	20,386	7,167	3,600	3,568	994	506	487
1978	49,038	25,024	24,013	40,883	20,919	19,964	7,116	3,576	3,540	1,039	530	509
1979	48,041	24,524	23,517	39,910	20,427	19,484	7,037	3,538	3,498	1,094	560	536
1980	47,232	24,135	23,097	39,002	19,982	19,020	6,989	3,520	3,469	1,241	633	608
1981	46,319	23,676	22,643	38,105	19,527	18,578	6,872	3,474	3,398	1,342	675	667
1982	45,585	23,309	22,276	37,365	19,153	18,212	6,826	3,442	3,384	1,394	714	680
1983	45,020	23,031	21,989	36,800	18,873	17,927	6,762	3,412	3,350	1,458	746	712
1984	44,788	22,920	21,868	36,509	18,731	17,778	6,743	3,404	3,339	1,536	785	751
1985	44,782	22,927	21,855	36,393	18,679	17,714	6,729	3,400	3,329	1,660	848	812
1986	44,903	22,996	21,907	36,408	18,701	17,707	6,802	3,438	3,364	1,693	857	836
1987	45,005	23,056	21,949	36,361	18,674	17,687	6,841	3,460	3,381	1,803	922	881
1988	45,051	23,086	21,965	36,279	18,637	17,642	6,881	3,482	3,399	1,891	967	924
1989	44,947	23,036	21,911	36,122	18,550	17,572	6,867	3,475	3,392	1,958	1,011	947
1990	45,325	23,235	22,090	36,326	18,671	17,655	6,923	3,505	3,418	2,075	1,059	1,016
1991	45,922	23,545	22,377	36,758	18,895	17,863	7,018	3,555	3,463	2,146	1,095	1,051
1992	46,646	23,919	22,727	37,274	19,160	18,113	7,150	3,625	3,525	2,222	1,134	1,089
1993	47,371	24,290	23,081	37,768	19,413	18,356	7,295	3,700	3,595	2,308	1,177	1,131
1994	48,205	24,718	23,487	38,344	19,707	18,637	7,471	3,792	3,679	2,390	1,220	1,171
1995	49,023	25,138	23,884	38,920	20,001	18,919	7,622	3,871	3,751	2,481	1,266	1,214
1996	49,816	25,544	24,273	39,468	20,278	19,189	7,769	3,947	3,821	2,580	1,318	1,262
1997	50,505	25,892	24,612	39,941	20,515	19,427	7,891	4,011	3,879	2,673	1,366	1,307
1998	50,915	26,103	24,812	40,196	20,643	19,553	7,970	4,054	3,916	2,748	1,406	1,342
1999	51,257	26,278	24,979	40,399	20,744	19,655	8,040	4,091	3,949	2,818	1,443	1,375
2000	51,478	26,390	25,088	40,522	20,804	19,717	8,073	4,109	3,964	2,884	1,477	1,407

NOTE: School-age population includes persons 5 to 17 years of age. All columns include persons of Hispanic origin. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-25, Nos. 1000, 1022, 1045, 1057, 1092; U.S. Population Estimates, by Age, Sex, Race, and Hispanic Origin: 1990 to 1999, PPL-91R; and unpublished data. (This table was prepared April 2001.)

Table 17.—Estimated total and school-age resident populations, by state: 1970 to 2000

[In thousands]

State	1970[1]		1980[1]		1985[2]		1990[1]		1995[2]		1999[2]		2000[1]	
	Total, all ages	5- to 17-year-olds	Total, all ages	5- to 17-year-olds	Total, all ages	5- to 17-year-olds	Total, all ages	5- to 17-year-olds	Total, all ages	5- to 17-year-olds	Total, all ages	5- to 17-year-olds	Total, all ages	5- to 17-year-olds
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States[3]	**203,302**	**52,540**	**226,546**	**47,407**	**237,924**	**44,782**	**248,765**	**45,178**	**262,803**	**49,023**	**272,691**	**51,257**	**281,422**	**53,118**
Alabama	3,444	934	3,894	866	3,973	798	4,040	774	4,263	783	4,370	775	4,447	827
Alaska	303	88	402	92	532	112	550	117	601	134	620	147	627	143
Arizona	1,775	486	2,718	578	3,184	601	3,665	686	4,307	825	4,778	949	5,131	985
Arkansas	1,923	498	2,286	496	2,327	461	2,351	455	2,480	479	2,551	483	2,673	499
California	19,971	4,999	23,668	4,681	26,441	4,752	29,786	5,344	31,494	5,975	33,145	6,424	33,872	6,763
Colorado	2,210	589	2,890	592	3,209	599	3,294	607	3,738	709	4,056	777	4,301	803
Connecticut	3,032	768	3,108	638	3,201	549	3,287	520	3,265	565	3,282	610	3,406	618
Delaware	548	148	594	125	618	113	666	114	718	125	754	132	784	143
District of Columbia	757	164	638	109	635	88	607	80	551	75	519	68	572	82
Florida	6,791	1,609	9,746	1,789	11,351	1,792	12,938	2,011	14,185	2,392	15,111	2,618	15,982	2,701
Georgia	4,588	1,223	5,463	1,231	5,963	1,195	6,478	1,230	7,189	1,370	7,788	1,477	8,186	1,574
Hawaii	770	204	965	198	1,040	194	1,108	196	1,180	212	1,185	209	1,212	218
Idaho	713	200	944	213	994	223	1,007	228	1,165	255	1,252	258	1,294	271
Illinois	11,110	2,859	11,427	2,401	11,400	2,192	11,431	2,095	11,885	2,208	12,128	2,304	12,419	2,369
Indiana	5,195	1,386	5,490	1,200	5,459	1,087	5,544	1,056	5,792	1,079	5,943	1,115	6,080	1,151
Iowa	2,825	743	2,914	604	2,830	543	2,777	525	2,841	539	2,869	537	2,926	545
Kansas	2,249	573	2,364	468	2,427	452	2,478	472	2,587	506	2,654	515	2,688	524
Kentucky	3,221	844	3,661	800	3,695	745	3,687	703	3,855	710	3,961	706	4,042	729
Louisiana	3,645	1,041	4,206	969	4,408	937	4,222	891	4,328	898	4,372	876	4,469	902
Maine	994	260	1,125	243	1,163	222	1,228	223	1,237	228	1,253	223	1,275	231
Maryland	3,924	1,038	4,217	895	4,413	788	4,781	803	5,024	904	5,172	963	5,296	1,003
Massachusetts	5,689	1,407	5,737	1,153	5,881	989	6,016	940	6,062	1,017	6,175	1,076	6,349	1,103
Michigan	8,882	2,450	9,262	2,067	9,076	1,824	9,295	1,754	9,660	1,848	9,864	1,906	9,938	1,924
Minnesota	3,806	1,051	4,076	865	4,184	796	4,376	829	4,605	920	4,776	950	4,919	957
Mississippi	2,217	635	2,521	599	2,588	576	2,575	550	2,691	552	2,769	550	2,845	571
Missouri	4,678	1,183	4,917	1,008	5,000	941	5,117	944	5,325	1,013	5,468	1,036	5,595	1,058
Montana	694	197	787	167	822	167	799	163	869	177	883	171	902	175
Nebraska	1,485	389	1,570	324	1,585	305	1,578	309	1,635	327	1,666	329	1,711	333
Nevada	489	127	800	160	951	166	1,202	204	1,526	277	1,809	348	1,998	366
New Hampshire	738	189	921	196	997	182	1,109	194	1,146	217	1,201	231	1,236	234
New Jersey	7,171	1,797	7,365	1,528	7,566	1,340	7,748	1,269	7,966	1,388	8,143	1,460	8,414	1,524
New Mexico	1,017	311	1,303	303	1,438	304	1,515	320	1,682	359	1,740	364	1,819	378
New York	18,241	4,358	17,558	3,552	17,792	3,173	17,991	3,000	18,151	3,173	18,197	3,227	18,976	3,451
North Carolina	5,084	1,323	5,882	1,254	6,254	1,175	6,632	1,147	7,185	1,283	7,651	1,407	8,049	1,425
North Dakota	618	175	653	136	677	133	639	127	642	128	634	121	642	121
Ohio	10,657	2,820	10,798	2,307	10,735	2,090	10,847	2,012	11,155	2,079	11,257	2,104	11,353	2,133
Oklahoma	2,559	640	3,025	622	3,271	635	3,146	609	3,266	645	3,358	649	3,451	656
Oregon	2,092	534	2,633	525	2,673	504	2,842	521	3,141	586	3,316	608	3,421	624
Pennsylvania	11,801	2,925	11,864	2,376	11,771	2,079	11,883	1,996	12,045	2,114	11,994	2,140	12,281	2,194
Rhode Island	950	225	947	186	969	163	1,003	159	989	170	991	179	1,048	184
South Carolina	2,591	720	3,122	703	3,303	663	3,486	662	3,700	683	3,886	702	4,012	745
South Dakota	666	187	691	147	698	139	696	144	728	153	733	148	755	152
Tennessee	3,926	1,002	4,591	972	4,715	903	4,877	882	5,241	944	5,484	974	5,689	1,024
Texas	11,199	3,002	14,229	3,137	16,273	3,318	16,986	3,437	18,680	3,789	20,044	4,080	20,852	4,262
Utah	1,059	312	1,461	350	1,643	418	1,723	457	1,977	490	2,130	497	2,233	509
Vermont	445	118	511	109	530	100	563	102	583	110	594	107	609	114
Virginia	4,651	1,197	5,347	1,114	5,715	1,039	6,189	1,060	6,601	1,154	6,873	1,214	7,079	1,276
Washington	3,413	881	4,132	826	4,400	816	4,867	893	5,431	1,029	5,756	1,096	5,894	1,120
West Virginia	1,744	442	1,950	414	1,907	383	1,793	337	1,821	319	1,807	303	1,808	301
Wisconsin	4,418	1,203	4,706	1,011	4,748	908	4,892	927	5,137	1,003	5,250	1,016	5,364	1,026
Wyoming	332	92	470	101	500	108	454	101	478	103	480	96	494	98

[1] As of April 1.

[2] Estimates as of July 1.

[3] Includes Armed Forces residing in each state.

NOTE: Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-25, No. 1095 at the national level, CPH-L-74 (1990 data), SF1-P12 (2000 data); and unpublished data. (This table was prepared August 2001.)

Table 18.—Families, by family status and presence of own children under 18: 1970 to 2000

Family status	1970	1980	1985	1990	1994	1995	1996	1997	1998	1999	2000	Change, 1970 to 1980	Change, 1980 to 2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	In thousands											Percent change	
All families	**51,456**	**59,550**	**62,706**	**66,090**	**68,490**	**69,305**	**69,594**	**70,241**	**70,880**	**71,535**	**72,025**	**15.7**	**20.9**
Married-couple family	44,728	49,112	50,350	52,317	53,171	53,858	53,567	53,604	54,317	54,770	55,311	9.8	12.6
Without own children under 18	19,196	24,151	26,140	27,780	28,113	28,617	28,647	28,521	29,048	29,703	30,062	25.8	24.5
With own children under 18	25,532	24,961	24,210	24,537	25,058	25,241	24,920	25,083	25,269	25,066	25,248	-2.2	1.1
One own child under 18	8,163	9,671	9,640	9,583	9,452	9,564	9,352	9,510	9,507	9,545	9,402	18.5	-2.8
Two own children under 18	8,045	9,488	9,456	9,784	10,188	10,358	10,278	10,152	10,241	10,040	10,274	17.9	8.3
Three or more own children under 18	9,325	5,802	5,115	5,170	5,418	5,319	5,290	5,420	5,521	5,481	5,572	-37.8	-4.0
Other family, male householder, no spouse present	1,228	1,733	2,228	2,884	2,913	3,226	3,513	3,847	3,911	3,976	4,028	41.1	132.4
Without own children under 18	887	1,117	1,331	1,731	1,599	1,786	1,885	2,138	2,113	2,270	2,242	25.9	100.7
With own children under 18	341	616	896	1,153	1,314	1,440	1,628	1,709	1,798	1,706	1,786	80.6	189.9
One own child under 18	179	374	584	723	805	891	1,005	1,003	1,117	1,023	1,131	108.9	202.4
Two own children under 18	87	165	213	307	368	405	471	513	456	480	483	89.7	192.7
Three or more own children under 18	75	77	100	123	141	144	152	192	225	202	171	2.7	122.1
Other family, female householder, no spouse present	5,500	8,705	10,129	10,890	12,406	12,220	12,514	12,790	12,652	12,789	12,687	58.3	45.7
Without own children under 18	2,642	3,261	4,123	4,290	4,759	4,606	4,859	4,916	4,960	4,948	5,116	23.4	56.9
With own children under 18	2,858	5,445	6,006	6,599	7,647	7,615	7,656	7,874	7,693	7,841	7,571	90.5	39.0
One own child under 18	1,008	2,398	2,885	3,225	3,566	3,633	3,683	3,821	3,739	3,763	3,777	137.9	57.5
Two own children under 18	810	1,817	1,977	2,173	2,531	2,450	2,457	2,629	2,425	2,549	2,458	124.3	35.3
Three or more own children under 18	1,040	1,230	1,144	1,202	1,550	1,531	1,514	1,423	1,529	1,529	1,336	18.3	8.6
	Percent of all families											Change in percentage points	
All families	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**(¹)**	**(¹)**
Married-couple family	86.9	82.5	80.3	79.2	77.6	77.7	77.0	76.3	76.6	76.6	76.8	-4.5	-5.7
Without own children under 18	37.3	40.6	41.7	42.0	41.0	41.3	41.2	40.6	41.0	41.5	41.7	3.3	1.2
With own children under 18	49.6	41.9	38.6	37.1	36.6	36.4	35.8	35.7	35.7	35.0	35.1	-7.7	-6.9
One own child under 18	15.9	16.2	15.4	14.5	13.8	13.8	13.4	13.5	13.4	13.3	13.1	0.4	-3.2
Two own children under 18	15.6	15.9	15.1	14.8	14.9	14.9	14.8	14.5	14.4	14.0	14.3	0.3	-1.7
Three or more own children under 18	18.1	9.7	8.2	7.8	7.9	7.7	7.6	7.7	7.8	7.7	7.7	-8.4	-2.0
Other family, male householder, no spouse present	2.4	2.9	3.6	4.4	4.3	4.7	5.0	5.5	5.5	5.6	5.6	0.5	2.7
Without own children under 18	1.7	1.9	2.1	2.6	2.3	2.6	2.7	3.0	3.0	3.2	3.1	0.2	1.2
With own children under 18	0.7	1.0	1.4	1.7	1.9	2.1	2.3	2.4	2.5	2.4	2.5	0.4	1.4
One own child under 18	0.3	0.6	0.9	1.1	1.2	1.3	1.4	1.4	1.6	1.4	1.6	0.3	0.9
Two own children under 18	0.2	0.3	0.3	0.5	0.5	0.6	0.7	0.7	0.6	0.7	0.7	0.1	0.4
Three or more own children under 18	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	(²)	0.1
Other family, female householder, no spouse present	10.7	14.6	16.2	16.5	18.1	17.6	18.0	18.2	17.8	17.9	17.6	3.9	3.0
Without own children under 18	5.1	5.5	6.6	6.5	6.9	6.6	7.0	7.0	7.0	6.9	7.1	0.3	1.6
With own children under 18	5.6	9.1	9.6	10.0	11.2	11.0	11.0	11.2	10.9	11.0	10.5	3.6	1.4
One own child under 18	2.0	4.0	4.6	4.9	5.2	5.2	5.3	5.4	5.3	5.3	5.2	2.1	1.2
Two own children under 18	1.6	3.1	3.2	3.3	3.7	3.5	3.5	3.7	3.4	3.6	3.4	1.5	0.4
Three or more own children under 18	2.0	2.1	1.8	1.8	2.3	2.2	2.2	2.0	2.2	2.1	1.9	(²)	-0.2

[1] Not applicable.

[2] Less than .05 percent.

NOTE: Own children are never-married sons and daughters, including stepchildren and adopted children, of the householder or married couple. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-20, *Household and Family Characteristics*, various years, and *America's Families and Living Arrangements*, March 1999 and 2000; and unpublished data. (This table was prepared August 2001.)

Table 19.—Characteristics of families with own children under 18, by family status and race/ethnicity: 2000

[Numbers in thousands]

Family characteristics	All races[1]				White, non-Hispanic[2]				Black, non-Hispanic[2]				Hispanic origin[3]			
			Other families				Other families				Other families				Other families	
	Total	Married-couple families	Male householder, no spouse present	Female householder, no spouse present	Total	Married-couple families	Male householder, no spouse present	Female householder, no spouse present	Total	Married-couple families	Male householder, no spouse present	Female householder, no spouse present	Total	Married-couple families	Male householder, no spouse present	Female householder, no spouse present
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total families	**72,026**	**55,311**	**4,028**	**12,687**	**53,065**	**43,865**	**2,468**	**6,732**	**8,416**	**4,007**	**682**	**3,727**	**7,560**	**5,133**	**658**	**1,769**
Total families with own children under 18	34,605	25,248	1,786	7,571	23,534	18,516	1,202	3,815	4,631	2,013	269	2,348	4,815	3,423	246	1,145
Percent of all families	48.0	45.6	44.3	59.7	44.3	42.2	48.7	56.7	55.0	50.2	39.4	63.0	63.7	66.7	37.4	64.7
Percent distribution	100.0	73.0	5.2	21.9	100.0	78.7	5.1	16.2	100.0	43.5	5.8	50.7	100.0	71.1	5.1	23.8
Families with—																
1 child under 18	14,310	9,402	1,131	3,777	9,801	6,931	759	2,111	2,039	815	186	1,038	1,791	1,139	141	511
2 children under 18	13,215	10,274	483	2,458	9,308	7,744	335	1,229	1,573	722	62	789	1,694	1,276	68	350
3 children under 18	5,062	4,030	130	902	3,297	2,858	87	352	657	315	12	330	914	695	27	192
4 or more under 18	2,017	1,542	41	434	1,128	984	21	123	362	161	9	192	416	313	11	92
Total own children under 18	64,874	48,921	2,670	13,283	42,463	34,798	1,759	5,906	8,998	4,038	394	4,566	9,912	7,240	402	2,270
Average number of children per family with own children under 18	1.87	1.94	1.49	1.75	1.80	1.88	1.46	1.55	1.94	2.01	1.46	1.94	2.06	2.12	1.63	1.98
Total families with own children under 6	14,987	11,393	706	2,887	9,872	8,148	411	1,312	1,966	818	115	1,033	2,476	1,862	152	464
Percent of all families	20.8	20.6	17.5	22.8	18.6	18.6	16.7	19.5	23.4	20.4	16.9	27.7	32.8	36.3	23.1	26.2
Percent distribution	100.0	76.0	4.7	19.3	100.0	82.5	4.2	13.3	100.0	41.6	5.8	52.5	100.0	75.2	6.1	18.7
Families with—																
1 child under 6	10,454	7,659	563	2,232	6,803	5,389	341	1,073	1,442	581	87	774	1,731	1,274	116	341
2 children under 6	3,933	3,273	134	526	2,703	2,428	67	208	425	201	26	198	636	509	32	95
3 or more under 6	600	462	9	129	366	332	3	31	99	36	2	61	109	78	4	27
Total own children under 6	20,784	16,159	881	3,744	13,323	11,329	506	1,488	2,723	1,158	138	1,427	3,617	2,734	191	692
Average number of children per family with own children under 6	1.39	1.42	1.25	1.30	1.35	1.39	1.23	1.13	1.39	1.42	1.20	1.38	1.46	1.47	1.26	1.49
Total families with own children under 3	8,785	6,784	441	1,561	5,893	4,944	242	707	1,093	441	80	572	1,381	1,041	99	241
Percent of all families	12.2	12.3	10.9	12.3	11.1	11.3	9.8	10.5	13.0	11.0	11.7	15.3	18.3	20.3	15.0	13.6
Percent distribution	100.0	77.2	5.0	17.8	100.0	83.9	4.1	12.0	100.0	40.3	7.3	52.3	100.0	75.4	7.2	17.5
Families with—																
1 child under 3	7,756	5,955	394	1,407	5,159	4,277	216	666	967	400	75	492	1,239	943	84	212
2 or more under 3	1,029	829	46	154	734	667	26	41	126	41	5	80	142	98	15	29
Total own children under 3	10,202	7,954	496	1,752	6,673	5,678	291	704	1,286	517	69	700	1,691	1,272	109	310
Average number of children per family with own children under 3	1.16	1.17	1.12	1.12	1.13	1.15	1.20	1.00	1.18	1.17	0.86	1.22	1.22	1.22	1.10	1.29

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[1] Race of family is defined as race of head of household.

[2] Includes persons of Hispanic origin.

[3] Persons of Hispanic origin may be of any race.

NOTE: Own children are never-married sons and daughters, including stepchildren and adopted children, of the householder or married couple. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P20–537, *America's Families and Living Arrangements, March 2000.* (This table was prepared August 2001.)

Table 20.—Household income and poverty rates, by state: 1990 and 1997–99

State	Median household income[1]			Percent of persons below the poverty level			Poverty status of related children 5 to 17 years old							
	1990[2]	1997–99		1990[2]	1997–99		1990[2]				1998			
	Total	Three-year moving average	Standard error	Total	Three-year moving average	Standard error	Number in poverty (in thousands)	Standard error (in thousands)	Percent in poverty	Standard error	Number in poverty (in thousands)	Standard error (in thousands)	Percent in poverty	Standard error
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	**$40,230**	**$39,657**	**$143**	**13.1**	**12.6**	**0.15**	**7,918**	**225**	**17.7**	**0.49**	**9,167**	**253**	**17.8**	**0.48**
Alabama	31,381	35,478	980	18.3	15.1	1.29	175	7	22.7	0.97	156	35	21.8	4.38
Alaska	52,799	51,046	1,357	9.0	8.6	1.01	15	1	12.9	0.97	13	4	9.0	2.57
Arizona	39,264	36,337	895	15.7	15.2	1.20	145	7	21.5	1.09	222	41	23.6	3.86
Arkansas	30,614	28,398	806	19.1	16.4	1.31	101	5	22.3	1.16	57	18	13.1	3.25
California	44,727	42,262	505	12.5	15.3	0.53	978	83	18.7	1.58	1,459	121	22.3	1.66
Colorado	41,291	46,950	1,067	11.7	8.6	1.00	92	4	15.4	0.67	93	25	12.5	3.32
Connecticut	52,224	47,997	1,702	6.8	8.4	1.14	51	5	9.9	1.03	82	26	13.4	3.91
Delaware	41,387	44,627	1,444	8.7	10.1	1.20	14	1	12.4	0.85	24	7	15.7	3.91
District of Columbia	36,802	35,309	941	16.9	19.7	1.65	17	1	22.5	0.97	33	7	46.0	6.63
Florida	35,853	35,081	480	12.7	13.3	0.65	362	24	18.3	1.22	474	60	20.5	2.34
Georgia	37,030	39,003	832	14.7	13.7	1.09	236	9	19.4	0.79	377	65	24.7	3.69
Hawaii	52,292	42,864	1,352	8.3	11.9	1.30	24	3	12.5	1.46	32	9	14.5	3.97
Idaho	33,998	36,023	902	13.3	13.9	1.19	37	2	16.6	0.85	50	10	17.4	3.30
Illinois	43,722	44,459	740	11.9	10.4	0.65	349	21	16.8	1.03	308	50	12.1	1.82
Indiana	36,179	40,635	1,078	10.7	8.3	1.00	141	8	13.5	0.79	140	39	12.6	3.30
Iowa	36,663	38,047	860	11.5	8.7	1.05	70	4	13.5	0.79	73	20	14.2	3.65
Kansas	40,195	37,618	1,267	11.5	10.5	1.13	64	3	13.7	0.67	59	19	13.2	3.37
Kentucky	33,293	35,226	1,109	19.0	13.8	1.25	159	7	22.9	0.97	118	29	16.7	3.81
Louisiana	30,102	33,218	1,077	23.6	18.2	1.35	270	14	30.5	1.64	244	43	29.8	4.41
Maine	36,899	36,459	866	10.8	10.4	1.23	29	3	13.2	1.22	27	9	12.0	3.71
Maryland	52,206	50,630	1,411	8.3	7.6	1.03	100	6	12.6	0.73	66	27	8.10	3.16
Massachusetts	48,700	43,697	1,307	8.9	10.9	0.83	108	11	11.6	1.16	163	32	15.0	2.77
Michigan	40,222	43,066	722	13.1	10.3	0.69	299	19	17.2	1.09	311	48	14.8	2.12
Minnesota	42,275	46,802	1,261	10.2	9.1	1.03	98	7	11.9	0.79	130	34	12.6	3.09
Mississippi	27,110	30,628	930	25.2	16.8	1.34	178	10	32.4	1.88	108	24	19.3	3.77
Missouri	36,722	40,166	1,258	13.3	11.1	1.17	161	6	17.3	0.67	136	39	14.4	3.77
Montana	31,405	31,280	776	16.1	15.9	1.28	31	1	19.4	0.79	42	8	21.2	3.69
Nebraska	36,923	37,338	1,065	11.1	11.0	1.17	42	3	13.9	0.85	54	13	14.8	3.43
Nevada	43,024	40,882	1,098	10.2	11.0	1.14	26	2	13.1	0.97	49	13	12.8	3.21
New Hampshire	54,823	44,891	1,296	6.4	8.9	1.19	14	2	7.1	1.22	34	10	13.3	3.70
New Jersey	52,041	50,234	1,012	7.6	8.5	0.66	145	15	11.5	1.16	194	36	13.2	2.26
New Mexico	33,641	31,981	1,030	20.6	20.8	1.42	77	4	24.3	1.34	101	18	23.5	3.67
New York	42,444	38,479	548	13.0	15.7	0.60	534	39	18.0	1.28	848	77	28.9	1.91
North Carolina	35,374	37,057	705	13.0	13.0	0.89	184	12	16.2	0.97	277	46	21.3	3.11
North Dakota	33,943	32,238	919	14.4	13.9	1.30	19	1	15.2	0.67	28	5	17.2	3.66
Ohio	40,324	38,970	855	12.5	11.4	0.71	338	22	16.9	1.09	339	52	16.0	2.27
Oklahoma	32,761	33,311	910	16.7	13.5	1.20	128	5	21.2	0.73	120	26	19.9	3.93
Oregon	39,340	39,768	1,208	12.4	13.1	1.28	86	4	16.8	0.79	121	29	19.4	4.15
Pennsylvania	38,970	38,938	773	11.1	10.6	0.65	290	20	14.7	1.03	382	54	18.0	2.31
Rhode Island	42,951	40,213	1,668	9.6	11.4	1.32	22	1	13.7	0.85	36	9	20.5	4.70
South Carolina	38,607	35,376	1,097	15.4	12.8	1.28	128	6	19.4	0.85	129	32	17.6	3.99
South Dakota	33,012	33,438	734	15.9	11.7	1.16	27	2	18.7	1.28	13	4	9.2	2.89
Tennessee	30,353	34,393	948	15.7	13.2	1.24	174	8	20.0	0.91	156	41	14.5	3.51
Texas	37,926	37,320	602	18.1	15.6	0.67	813	40	23.8	1.16	809	88	20.1	1.97
Utah	40,497	45,257	1,130	11.4	7.9	0.91	63	3	13.8	0.67	55	14	11.8	2.78
Vermont	41,782	39,419	1,132	9.9	9.6	1.21	12	1	12.3	1.16	13	4	12.2	3.73
Virginia	47,122	44,884	1,414	10.2	9.8	1.03	149	9	14.2	0.85	92	33	7.9	2.71
Washington	43,144	46,788	1,203	10.9	9.2	1.09	130	5	14.9	0.61	118	37	10.8	3.23
West Virginia	29,742	28,420	760	19.7	16.7	1.31	80	5	24.1	1.46	65	14	25.7	4.86
Wisconsin	41,262	43,055	1,025	10.7	8.5	1.01	120	7	13.1	0.79	109	33	11.5	3.26
Wyoming	39,581	36,039	964	11.9	11.9	1.19	14	1	13.7	0.79	13	4	13.0	3.29

[1] In 1999 dollars adjusted by the Consumer Price Index for all urban consumers.

[2] Based on 1989 incomes collected in the 1990 Census. Data may differ from figures derived from the Current Population Survey.

NOTE: Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Decennial Census, Minority Economic Profiles, unpublished data; and *Current Population Reports*, Series P-60, "Poverty in the United States," "Money Income of Households, Families, and Persons in the United States," and "Income, Poverty, and Valuation of Noncash Benefits," various years, and "Money Income in the U.S.: 1999," P60–201. (This table was prepared April 2001.)

Table 21.—Poverty status of persons, families, and children under 18, by race/ethnicity: 1959 to 1999

Year and race/ ethnicity	Number below the poverty level, in thousands						Percent below the poverty level					
	All persons	In all families			In families with female householder, no husband present		All persons	In all families			In families with female householder, no husband present	
		Total	Householder[1]	Related children under 18	Total	Related children under 18		Total	Householder[1]	Related children under 18	Total	Related children under 18
1	2	3	4	5	6	7	8	9	10	11	12	13
All races												
1959	39,490	34,562	8,320	17,208	7,014	4,145	22.4 (0.3)	20.8	18.5	26.9 (0.4)	49.4	72.2
1960	39,851	34,925	8,243	17,288	7,247	4,095	22.2 (0.3)	20.7	18.1	26.5 (0.4)	48.9	68.4
1965	33,185	28,358	6,721	14,388	7,524	4,562	17.3 (0.2)	15.8	13.9	20.7 (0.4)	46.0	64.2
1970	25,420	20,330	5,260	10,235	7,503	4,689	12.6 (0.2)	10.9	10.1	14.9 (0.3)	38.1	53.0
1975	25,877	20,789	5,450	10,882	8,846	5,597	12.3 (0.2)	10.9	9.7	16.8 (0.4)	37.5	52.7
1980	29,272	22,601	6,217	11,114	10,120	5,866	13.0 (0.2)	11.5	10.3	17.9 (0.4)	36.7	50.8
1981	31,822	24,850	6,851	12,068	11,051	6,305	14.0 (0.2)	12.5	11.2	19.5 (0.4)	38.7	52.3
1982	34,398	27,349	7,512	13,139	11,701	6,696	15.0 (0.2)	13.6	12.2	21.3 (0.4)	40.6	56.0
1983	35,303	27,933	7,647	13,427	12,072	6,747	15.2 (0.2)	13.9	12.3	21.8 (0.4)	40.2	55.4
1984	33,700	26,458	7,277	12,929	11,831	6,772	14.4 (0.2)	13.1	11.6	21.0 (0.4)	38.4	54.0
1985	33,064	25,729	7,223	12,483	11,600	6,716	14.0 (0.2)	12.6	11.4	20.1 (0.4)	37.6	53.6
1986	32,370	24,754	7,023	12,257	11,944	6,943	13.6 (0.2)	12.0	10.9	19.8 (0.4)	38.3	54.4
1987	32,221	24,725	7,005	12,275	12,148	7,074	13.4 (0.2)	12.0	10.7	19.7 (0.4)	38.1	54.7
1988	31,745	24,048	6,876	11,935	11,972	6,742	13.0 (0.2)	11.6	10.4	19.0 (0.4)	37.2	50.6
1989	31,528	24,066	6,784	12,001	11,668	6,808	12.8 (0.2)	11.5	10.3	19.0 (0.4)	35.9	51.1
1990	33,585	25,232	7,098	12,715	12,578	7,363	13.5 (0.2)	12.0	10.7	19.9 (0.4)	37.2	53.4
1991	35,708	27,143	7,712	13,658	13,824	8,065	14.2 (0.2)	12.8	11.5	21.1 (0.4)	39.7	55.5
1992	36,880	27,947	7,960	13,876	13,716	8,032	14.8 (0.2)	13.3	11.7	21.1 (0.4)	39.0	54.3
1993	39,265	29,927	8,393	14,961	14,636	8,503	15.1 (0.2)	13.6	12.3	22.0 (0.4)	38.7	53.7
1994	38,059	28,985	8,053	14,610	14,380	8,427	14.5 (0.2)	13.1	11.6	21.2 (0.4)	38.6	52.9
1995	36,425	27,501	7,532	13,999	14,205	8,364	13.8 (0.2)	12.3	10.8	20.2 (0.4)	36.5	50.3
1996	36,529	27,376	7,708	13,764	13,796	7,990	13.7 (0.2)	12.2	11.0	19.8 (0.4)	35.8	49.3
1997	35,574	26,217	7,324	13,422	13,494	7,928	13.3 (0.2)	11.6	10.3	19.2 (0.4)	35.1	49.0
1998	34,476	25,370	7,186	12,845	12,907	7,627	12.7 (0.2)	11.2	10.0	18.3 (0.4)	33.1	46.1
1999	32,258	23,396	6,676	11,510	11,607	6,602	11.8 (0.2)	10.2	9.3	16.3 (0.4)	30.4	41.9
White[2]												
1960	28,309	24,262	6,115	11,229	4,296	2,357	17.8 (0.3)	16.2	14.9	20.0 (0.4)	39.0	59.9
1965	22,496	18,508	4,824	8,595	4,092	2,321	13.3 (0.2)	11.7	11.1	14.4 (0.4)	35.4	52.9
1970	17,484	13,323	3,708	6,138	3,761	2,247	9.9 (0.2)	8.1	8.0	10.5 (0.3)	28.4	43.1
1975	17,770	13,799	3,838	6,748	4,577	2,813	9.7 (0.2)	8.3	7.7	12.5 (0.3)	29.4	44.2
1980	19,699	14,587	4,195	6,817	4,940	2,813	10.2 (0.2)	8.6	8.0	13.4 (0.4)	28.0	41.6
1985	22,860	17,125	4,983	7,838	5,990	3,372	11.4 (0.2)	9.9	9.1	15.6 (0.4)	29.8	45.2
1990	22,326	15,916	4,622	7,696	6,210	3,597	10.7 (0.2)	9.0	8.1	15.1 (0.4)	29.8	45.9
1991	23,747	17,268	5,022	8,316	6,806	3,941	11.3 (0.2)	9.7	8.8	16.1 (0.4)	31.5	47.1
1992	25,259	18,294	5,160	8,333	6,907	3,783	11.9 (0.2)	10.1	8.9	16.0 (0.4)	30.8	45.3
1993	26,226	18,968	5,452	9,123	7,199	4,102	12.2 (0.2)	10.5	9.4	17.0 (0.4)	31.0	45.6
1994	25,379	18,474	5,312	8,826	7,228	4,099	11.7 (0.2)	10.1	9.1	16.3 (0.4)	31.8	45.7
1995	24,423	17,593	4,994	8,474	7,047	4,051	11.2 (0.2)	9.6	8.5	15.5 (0.4)	29.7	42.5
1996	24,650	17,621	5,059	8,488	7,073	4,029	11.2 (0.2)	9.6	8.6	15.5 (0.4)	29.8	43.1
1997	24,396	17,258	4,990	8,441	7,296	4,186	11.0 (0.2)	9.3	8.4	15.4 (0.4)	30.7	44.3
1998	23,454	16,549	4,829	7,935	6,674	3,875	10.5 (0.2)	8.9	8.0	14.4 (0.4)	27.6	40.0
1999	21,922	15,141	4,377	7,123	5,891	3,266	9.8 (0.2)	8.1	7.3	12.9 (0.4)	24.7	35.5
Black[2]												
1959	9,927	9,112	1,860	5,022	2,416	1,475	55.1 (1.0)	54.9	48.1	65.5 (1.3)	70.6	81.6
1966	8,867	8,090	1,620	4,774	3,160	2,107	41.8 (0.9)	40.9	35.5	50.6 (1.3)	65.3	76.6
1970	7,548	6,683	1,481	3,922	3,656	2,383	33.5 (0.9)	32.2	29.5	41.5 (1.2)	58.7	67.7
1975	7,545	6,533	1,513	3,884	4,168	2,724	31.3 (0.8)	30.1	27.1	41.4 (1.2)	54.3	66.0
1980	8,579	7,190	1,826	3,906	4,984	2,944	32.5 (0.8)	31.1	28.9	42.1 (1.3)	53.4	64.8
1985	8,926	7,504	1,983	4,057	5,342	3,181	31.3 (0.8)	30.5	28.7	43.1 (1.3)	53.2	66.9
1990	9,837	8,160	2,193	4,412	6,005	3,543	31.9 (0.8)	31.0	29.3	44.2 (1.3)	50.6	64.7
1991	10,242	8,504	2,343	4,637	6,557	3,853	32.7 (0.8)	32.0	30.4	45.6 (1.3)	54.8	68.2
1992	10,827	9,134	2,435	4,850	6,799	3,967	33.4 (0.8)	32.9	30.9	46.3 (1.3)	54.0	67.1
1993	10,877	9,242	2,499	5,030	6,955	4,104	33.1 (0.8)	32.9	31.3	45.9 (1.3)	53.0	65.9
1994	10,196	8,447	2,212	4,787	6,489	3,935	30.6 (0.8)	29.6	27.3	43.3 (1.3)	50.2	63.2
1995	9,872	8,189	2,127	4,644	6,553	3,954	29.3 (0.8)	28.5	26.4	41.5 (1.3)	48.2	61.6
1996	9,694	7,993	2,206	4,411	6,123	3,619	28.4 (0.8)	27.6	26.1	39.5 (1.3)	46.4	58.2
1997	9,116	7,386	1,985	4,116	5,654	3,402	26.5 (0.8)	25.5	23.6	36.8 (1.3)	42.8	55.3
1998	9,091	7,259	1,981	4,073	5,629	3,366	26.1 (0.8)	24.7	23.4	36.4 (1.3)	42.8	54.7
1999	8,360	6,688	1,898	3,644	5,179	2,997	23.6 (0.7)	22.7	21.9	32.7 (1.3)	41.0	51.7
Hispanic origin[3]												
1975	2,991	2,755	627	1,619	1,053	694	26.9 (1.4)	26.3	25.1	33.1 (1.7)	57.2	68.4
1980	3,491	3,143	751	1,718	1,319	809	25.7 (1.3)	25.1	23.2	33.0 (1.6)	54.5	65.0
1985	5,236	4,605	1,074	2,512	1,983	1,247	29.0 (1.0)	28.3	25.5	39.6 (1.6)	55.7	72.4
1990	6,006	5,091	1,244	2,750	2,115	1,314	28.1 (1.0)	26.9	25.0	37.7 (1.5)	53.0	68.4
1991	6,339	5,541	1,372	2,977	2,282	1,398	28.7 (0.9)	28.2	26.5	39.8 (1.5)	52.7	68.6
1992	7,592	6,455	1,395	2,946	2,474	1,289	29.6 (0.9)	28.4	26.2	38.8 (1.5)	51.5	65.7
1993	8,126	6,876	1,625	3,666	2,837	1,673	30.6 (0.9)	29.3	27.3	39.9 (1.4)	53.2	66.1
1994	8,416	7,357	1,724	3,956	2,920	1,804	30.7 (0.9)	30.2	27.8	41.1 (1.4)	54.8	68.3
1995	8,574	7,341	1,695	3,938	3,053	1,872	30.3 (0.9)	29.2	27.0	39.3 (1.4)	52.8	65.7
1996	8,697	7,515	1,748	4,090	3,020	1,779	29.4 (0.9)	28.5	26.4	39.9 (1.4)	53.5	67.4
1997	8,308	7,198	1,721	3,865	2,911	1,758	27.1 (0.8)	26.2	24.7	36.4 (1.3)	50.9	62.8
1998	8,070	6,814	1,648	3,670	2,837	1,739	25.6 (0.8)	24.3	22.7	33.6 (1.3)	46.7	59.6
1999	7,439	6,349	1,525	3,382	2,488	1,471	22.8 (0.7)	21.7	20.2	29.9 (1.2)	40.7	52.4
Asian and Pacific Islander												
1990	858	712	—	356	132	—	12.2 (1.2)	11.3	—	17.0 (2.2)	20.7	—
1991	996	773	—	348	177	—	13.8 (1.3)	12.1	—	17.1 (2.3)	24.6	—
1992	985	787	—	352	183	—	12.7 (1.2)	11.4	—	16.0 (2.1)	25.0	—
1993	1,134	898	—	358	126	—	15.3 (1.3)	13.6	—	17.6 (2.3)	17.4	—
1994	974	776	—	308	137	—	14.6 (1.3)	13.1	—	17.9 (2.5)	23.6	—
1995	1,411	1,112	—	532	266	—	14.6 (1.2)	13.0	—	18.6 (2.1)	28.9	—
1996	1,454	1,172	—	553	300	—	14.5 (1.1)	13.2	—	19.1 (2.1)	29.5	—
1997	1,468	1,116	244	—	313	—	14.0 (1.1)	12.0	10.2	— —	33.6	—
1998	1,360	1,087	270	—	373	—	12.5 (1.0)	11.4	11.0	— —	33.2	—
1999	1,163	919	—	—	253	—	10.7 (1.0)	9.6	—	— —	23.0	—

—Not available.

[1] Refers to the person who owns or rents (maintains) the housing unit.

[2] Includes persons of Hispanic origin.

[3] Persons of Hispanic origin may be of any race.

NOTE: Some data have been revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-60, "Poverty in the United States," various years; and "Income, Poverty, and Valuation of Noncash Benefits," various years. (This table was prepared April 2001.)

Table 22.—Average grade that the public would give the schools in their community and in the nation at large: 1974 to 2001

Year	All adults			No children in school			Public school parents			Private school parents		
	Nation	Local community	Local neighborhood	Nation	Local community	Local neighborhood	Nation	Local community	Local neighborhood	Nation	Local community	Local neighborhood
1	2	3	4	5	6	7	8	9	10	11	12	13
1974	—	2.63	—	—	2.57	—	—	2.80	—	—	2.15	—
1975	—	2.38	—	—	2.31	—	—	2.49	—	—	1.81	—
1976	—	2.38	—	—	2.34	—	—	2.48	—	—	2.22	—
1977	—	2.33	—	—	2.25	—	—	2.59	—	—	2.05	—
1978	—	2.21	—	—	2.11	—	—	2.47	—	—	1.69	—
1979	—	2.21	—	—	2.15	—	—	2.38	—	—	1.88	—
1980	—	2.26	—	—	—	—	—	—	—	—	—	—
1981	1.94	2.20	—	—	2.12	—	—	2.36	—	—	1.88	—
1982	2.01	2.24	—	2.04	2.18	—	2.01	2.35	—	2.02	2.20	—
1983	1.91	2.12	—	1.92	2.10	—	1.92	2.31	—	1.82	1.89	—
1984	2.09	2.36	—	2.11	2.30	—	2.11	2.49	—	2.04	2.17	—
1985	2.14	2.39	—	2.16	2.36	—	2.20	2.44	—	1.93	2.00	—
1986	2.13	2.36	—	—	2.29	—	—	2.55	—	—	2.14	—
1987	2.18	2.44	—	2.20	2.38	—	2.22	2.61	—	2.03	2.01	—
1988	2.08	2.35	—	2.02	2.32	—	2.13	2.48	—	2.00	2.13	—
1989	2.01	2.35	—	1.99	2.27	—	2.06	2.56	—	1.93	2.12	—
1990	1.99	2.29	—	1.98	2.27	—	2.03	2.44	—	1.85	2.09	—
1991	2.00	2.36	—	—	—	—	—	—	—	—	—	—
1992	1.93	2.30	—	1.92	—	—	1.94	2.73	—	1.85	—	—
1993	1.95	2.41	—	1.97	2.40	—	1.97	2.48	—	1.80	2.11	—
1994	1.95	2.26	2.43	1.95	2.16	2.34	1.90	2.55	2.64	1.86	1.90	2.23
1995	1.97	2.28	2.47	1.98	2.25	2.43	1.93	2.41	2.56	1.81	1.85	2.09
1996	1.93	2.30	—	1.91	2.22	—	2.00	2.56	—	1.80	1.86	—
1997	1.97	2.35	—	1.99	2.27	—	2.01	2.56	—	1.99	1.87	—
1998	1.93	2.41	—	1.91	2.36	—	1.96	2.51	—	1.81	2.20	—
1999	2.02	2.44	—	2.03	2.42	—	1.97	2.56	—	—	—	—
2000	1.98	2.47	—	1.94	2.44	—	2.05	2.59	—	—	—	—
2001	2.01	2.47	—	2.00	2.42	—	2.04	2.66	—	—	—	—

—Not available.

NOTE: Average based on a scale where A=4, B=3, C=2, D=1, and F=0.

SOURCE: *Phi Delta Kappa*, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," various years. (This table was prepared January 2002.)

Table 23.—Items most frequently cited by the general public as a major problem facing the local public schools: 1970 to 2001

Problems	Percent																		
	1970	1975	1980	1985	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Lack of discipline	18	23	26	25	22	19	19	19	20	17	15	18	15	15	15	14	18	15	15
Lack of financial support	17	14	10	9	14	12	13	13	18	22	21	13	11	13	15	12	9	18	15
Fighting/violence/gangs	—	—	—	—	—	—	—	—	—	9	13	18	9	14	12	15	11	11	10
Use of drugs	11	9	14	18	30	32	34	38	22	22	16	11	7	16	14	10	8	9	9
Standards/quality of education	—	—	—	—	—	—	—	—	—	—	—	8	4	—	8	6	2	5	—
Large schools/overcrowding	—	10	7	5	8	6	8	7	9	9	8	7	3	8	8	8	8	12	10
Lack of respect	—	—	—	—	—	—	—	—	—	—	—	3	3	2	—	2	2	2	—
Lack of family structure/ problems of home life	—	—	—	—	—	—	—	—	—	—	—	5	3	4	—	—	—	—	—
Crime/vandalism	—	—	—	—	—	—	—	—	—	—	—	4	2	3	—	2	5	5	—
Getting good teachers	12	11	6	10	9	11	7	7	11	5	5	3	2	3	3	5	4	4	6
Parents' lack of interest	3	2	6	3	6	7	6	4	7	5	4	3	2	—	—	2	4	4	—
Poor curriculum/standards	6	5	11	11	8	11	8	8	10	9	9	3	2	3	—	1	2	2	—
Pupils' lack of interest/truancy	—	3	5	5	6	5	3	6	5	3	4	3	2	5	6	5	2	—	—
Integration/segregation/ racial discrimination	17	15	10	4	4	4	4	5	5	4	4	3	2	2	—	—	—	—	—
Management of funds/programs	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—
Moral standards	—	—	—	2	7	6	3	3	3	4	3	—	—	—	—	2	2	—	—
Low teacher pay	—	—	—	2	5	4	4	6	4	3	3	—	—	—	—	2	2	4	—
Teachers' lack of interest	—	—	6	4	5	3	4	4	2	2	—	—	—	—	—	—	—	—	—
Drinking/alcoholism	—	—	2	3	6	5	4	4	2	2	—	—	—	—	—	—	—	—	—
Lack of proper facilities	11	3	2	1	2	1	1	2	—	—	—	—	—	—	—	—	—	—	—

—Not available.

SOURCE: *Phi Delta Kappa*, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," various years. (This table was prepared January 2002.)

Table 24.—Public opinion on the difference in education quality and funding within states: 1993 and 2001

Question	1993						2001					
	Great deal and quite a lot			Not too much	Not at all	Do not know	Great deal and quite a lot			Not too much	Not at all	Do not know
	Total	A great deal	Quite a lot				Total	A great deal	Quite a lot			
1	2	3	4	5	6	7	8	9	10	11	12	13
How much would you say the quality of the education provided by the public schools in your your state differs from school district to school district?												
National totals	62	33	29	30	1	7	59	33	26	33	2	6
No children in school	61	31	30	30	1	8	56	31	25	35	2	7
Public school parents	62	35	27	33	1	4	65	38	27	29	2	4
How much would you say the amount of money spent on the public schools in your state differs from school district to school district?												
National totals	54	28	26	33	3	10	57	28	29	28	3	12
No children in school	52	28	24	34	3	11	56	27	29	28	3	13
Public school parents	58	26	32	32	3	7	60	31	29	28	3	9
How much does the amount of money spent on a public school student's education affect the quality of his or her education?												
National totals	68	38	30	25	5	2	68	38	30	25	5	2
No children in school	67	37	30	25	6	2	65	34	31	27	6	2
Public school parents	70	40	30	25	2	3	73	44	29	23	3	1

SOURCE: *Phi Delta Kappa*, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," various years. (This table was prepared January 2002.)

Table 25.—Percent of elementary and secondary school children whose parents are involved in school activities, by selected child, parent, and school characteristics: 1996 and 1999

Characteristics of children, parents, and schools	Percent of children in 1996 whose parents[1] report that they—				Distribution of children, by parental reports of number of times spent helping with homework per week, 1996[2]				Percent of children in 1999 whose parents[1] report that they—			
	Attended a general school meeting	Attended parent-teacher conference	Attended a class event	Volunteered at school	Less than once per week	1 or 2 times per week	3 or 4 times per week	5 or more times per week	Attended a general school meeting	Attende parent-teacher conference	Attended class event	Volunteered at school
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**76.4**	**70.6**	**66.1**	**39.6**	**26.7**	**35.1**	**25.8**	**12.3**	**78.3 (0.4)**	**72.8 (0.4)**	**65.4 (0.5)**	**36.8 (0.4)**
Sex of child												
Male	75.6	71.9	64.5	38.7	27.4	33.5	26.2	12.9	78.0 (0.6)	74.0 (0.6)	63.4 (0.6)	36.7 (0.6)
Female	77.3	69.3	67.8	40.6	25.9	36.9	25.4	11.8	78.6 (0.6)	71.5 (0.6)	67.4 (0.6)	37.0 (0.6)
Race/ethnicity of child												
White, non-Hispanic	78.5	71.2	70.9	44.5	28.2	37.0	24.8	10.1	80.5 (0.5)	73.6 (0.5)	71.6 (0.5)	42.7 (0.6)
Black, non-Hispanic	71.9	68.0	56.0	29.5	21.9	30.0	28.6	19.5	74.5 (1.1)	71.1 (1.2)	53.8 (1.3)	26.2 (1.1)
Hispanic	72.7	70.7	54.8	27.7	25.4	31.1	27.9	15.6	73.1 (1.0)	71.0 (1.0)	51.5 (1.1)	24.5 (0.9)
Other non-Hispanic	72.6	71.4	63.4	36.2	24.3	37.5	26.1	12.0	76.7 (1.8)	73.2 (1.9)	62.4 (2.0)	30.7 (1.8)
Highest education level of parents												
Less than high school	57.6	62.5	42.4	18.3	28.7	30.0	24.5	16.7	57.4 (1.7)	60.0 (1.7)	37.8 (1.6)	12.9 (1.1)
High school graduate	71.1	68.2	59.5	31.1	26.4	34.2	25.7	13.6	72.7 (0.8)	69.7 (0.9)	58.7 (0.9)	26.0 (0.8)
Some postsecondary	77.4	71.1	68.4	40.2	26.4	35.8	26.1	11.6	79.1 (0.7)	73.7 (0.7)	66.8 (0.8)	37.5 (0.8)
College graduate	86.1	75.1	75.5	52.2	25.4	38.8	25.3	10.5	87.3 (0.8)	80.3 (0.9)	75.6 (1.0)	49.7 (1.1)
Graduate/professional	87.6	75.1	81.0	56.8	27.9	35.1	26.8	10.2	88.8 (0.7)	75.9 (1.0)	78.9 (0.9)	54.3 (1.1)
Family Income												
Less than $5,000	67.0	68.3	49.8	27.0	23.7	28.3	27.7	20.4	67.0 (2.6)	66.7 (2.6)	47.4 (2.9)	17.6 (2.0)
$5,001 to $10,000	63.8	67.4	49.6	24.4	26.7	32.1	27.6	13.7	66.8 (2.0)	67.6 (2.0)	50.7 (2.1)	23.3 (1.8)
$10,001 to 15,000	67.4	66.9	60.3	29.9	26.8	36.0	22.7	14.6	67.1 (1.8)	70.0 (1.7)	49.9 (1.9)	20.4 (1.5)
$15,001 to 20,000	69.1	67.4	55.8	26.8	27.7	33.3	23.4	15.6	71.1 (1.7)	70.4 (1.7)	55.1 (1.9)	25.3 (1.7)
$20,001 to 25,000	69.0	68.7	58.5	29.2	25.9	34.9	26.5	12.7	70.6 (1.6)	67.0 (1.7)	53.4 (1.7)	26.2 (1.5)
$25,001 to 30,000	72.0	69.2	61.7	33.0	28.1	34.8	27.3	9.8	74.3 (1.5)	71.6 (1.5)	59.1 (1.7)	30.9 (1.6)
$30,001 to 35,000	79.0	69.1	68.8	41.6	27.9	35.6	24.8	11.6	79.0 (1.4)	73.8 (1.5)	67.6 (1.6)	37.9 (1.7)
$35,001 to 40,000	78.9	72.8	69.6	41.7	24.9	37.3	27.0	10.7	79.4 (1.3)	73.7 (1.4)	68.4 (1.5)	36.1 (1.6)
$40,001 to 50,000	80.7	73.9	72.8	45.3	27.1	35.3	25.3	12.4	81.6 (1.0)	75.1 (1.1)	72.8 (1.2)	40.1 (1.3)
$50,001 to 75,000	83.9	72.2	75.0	49.1	25.9	37.0	26.3	10.8	84.6 (0.8)	74.8 (0.9)	72.6 (0.9)	43.8 (1.0)
Over $75,000	88.2	73.8	79.1	57.3	28.3	36.6	25.1	9.9	88.5 (0.7)	77.3 (0.8)	79.3 (0.8)	54.9 (1.0)
Child attending public schools[3]	75.3	70.6	64.8	35.4	26.6	35.9	25.4	12.1	76.8 (0.4)	71.4 (0.5)	63.5 (0.5)	33.8 (0.5)
Elementary (kindergarten to grade 8)[3]	80.2	79.8	67.8	39.4	15.5	35.1	33.2	16.2	81.7 (0.5)	80.8 (0.5)	66.7 (0.6)	38.0 (0.6)
Secondary (grades 9 to 12)[3]	63.2	47.7	57.5	25.5	52.0	37.7	7.7	2.5	65.7 (0.9)	50.0 (0.9)	56.2 (0.9)	24.1 (0.8)
Child attending private schools[3]	90.2	82.3	82.8	66.4	27.2	28.7	29.2	14.9	91.4 (0.8)	85.0 (0.9)	81.7 (1.0)	63.8 (1.3)
Elementary (kindergarten to grade 8)[3]	92.2	87.8	86.1	70.8	14.5	28.5	37.0	19.9	93.0 (0.8)	90.2 (0.8)	84.1 (1.1)	68.8 (1.4)
Secondary (grades 9 to 12)[3]	85.0	67.4	73.7	54.4	57.4	29.0	10.8	2.8	85.8 (2.1)	66.7 (2.8)	73.3 (2.5)	46.3 (3.0)

[1] The respondent was the parent most knowledgeable about the child's education. The responding parent reported on their own and their spouse's or other household adults' activities. Except where noted, includes children enrolled in nursery school through grade 12.

[2] Includes children enrolled in grades 1 through 12.

[3] Excludes home-schooled children.

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Household Education Survey, 1996*, unpublished data. (This table was prepared June 2001.)

Table 26.—Percent of elementary school children whose parents are involved in education-related activities, by selected child, parent, and school characteristics: 1996 and 1999

Characteristics of children, parents, and schools	Percent of children[1] in 1996 whose parents report that they did the following things in the past month—				Percent of children[1] in 1999 whose parents report that they did the following things in the past month—						Percent of children in 1999 whose parents involved them in the following activities during the last month[1]		
	Visited a library	Went to a play, concert, or other live show	Visited an art gallery, museum, or historical site	Visited a zoo or aquarium	Visited a library	Went to a play, concert, or other live show	Visited an art gallery, museum, or historical site	Visited a zoo or aquarium	Talked about family history	Attended an event sponsored by a community, religious, or ethnic group	Told a story	Worked on arts or crafts	Worked on household chores
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total	**48.7**	**32.5**	**21.2**	**15.7**	**48.6 (0.7)**	**32.1 (0.6)**	**22.2 (0.6)**	**14.1 (0.4)**	**54.9 (0.7)**	**52.8 (0.7)**	**69.4 (0.6)**	**67.9 (0.6)**	**93.7 (0.3)**
Sex of child													
Male	48.5	30.3	20.6	15.3	47.2 (0.9)	30.5 (0.9)	22.3 (0.8)	13.9 (0.6)	53.3 (0.9)	50.8 (0.9)	69.0 (0.9)	64.2 (0.9)	92.9 (0.5)
Female	49.0	34.7	21.8	16.0	50.1 (1.0)	33.7 (0.9)	22.2 (0.8)	14.3 (0.6)	56.6 (1.0)	54.9 (1.0)	69.7 (0.9)	71.9 (0.9)	94.6 (0.5)
Race/ethnicity of child													
White, non-Hispanic	51.7	32.2	21.0	13.3	48.9 (0.9)	33.9 (0.8)	22.3 (0.7)	12.0 (0.5)	52.7 (0.9)	54.6 (0.9)	70.9 (0.8)	72.4 (0.8)	96.1 (0.4)
Black, non-Hispanic	43.9	38.1	22.2	21.6	47.8 (1.8)	31.2 (1.6)	20.9 (1.4)	15.8 (1.2)	60.1 (1.9)	52.9 (1.9)	64.9 (1.8)	58.6 (1.8)	93.9 (0.8)
Hispanic	38.9	26.6	19.6	19.3	43.9 (1.5)	24.3 (1.2)	20.7 (1.2)	19.6 (1.1)	53.5 (1.5)	45.7 (1.5)	66.5 (1.4)	59.3 (1.5)	84.5 (1.1)
Other non-Hispanic	52.3	33.2	24.3	18.3	61.4 (2.9)	34.8 (2.9)	29.8 (2.9)	18.1 (2.0)	70.4 (2.7)	51.6 (3.0)	73.8 (2.7)	69.0 (2.6)	91.8 (1.6)
Highest education level of parents													
Less than high school	30.1	25.6	16.7	18.9	34.3 (2.3)	17.4 (1.7)	12.1 (1.5)	15.1 (1.6)	44.9 (2.5)	36.6 (2.3)	61.6 (2.4)	54.1 (2.5)	81.4 (1.8)
High school graduate	40.0	27.9	15.0	14.4	40.3 (1.4)	25.9 (1.2)	16.0 (1.0)	12.9 (0.8)	47.6 (1.4)	42.6 (1.4)	66.5 (1.3)	64.3 (1.3)	92.8 (0.7)
Some postsecondary	49.7	33.3	20.4	15.4	48.2 (1.2)	31.8 (1.1)	20.9 (0.9)	12.6 (0.7)	57.4 (1.2)	53.6 (1.2)	70.1 (1.1)	69.4 (1.1)	95.8 (0.5)
College graduate	60.1	35.8	27.3	16.3	57.4 (1.5)	40.3 (1.5)	29.0 (1.4)	15.1 (1.0)	60.2 (1.5)	64.5 (1.4)	74.1 (1.3)	73.8 (1.3)	96.0 (0.6)
Graduate/professional	65.3	41.6	32.5	16.3	62.4 (1.6)	42.4 (1.6)	34.2 (1.6)	17.5 (1.3)	62.8 (1.6)	65.3 (1.6)	72.0 (1.5)	72.7 (1.5)	95.4 (0.7)
Family income													
Less than $5,000	40.4	38.1	19.8	19.2	42.7 (4.3)	24.9 (3.1)	16.5 (2.7)	16.6 (2.6)	54.5 (4.1)	37.3 (3.9)	67.5 (4.1)	55.9 (4.2)	90.9 (2.0)
$5,001 to $10,000	37.2	27.3	16.1	17.0	43.8 (2.9)	21.0 (2.3)	17.7 (2.1)	14.5 (1.9)	49.8 (2.9)	38.8 (2.8)	69.5 (2.7)	58.4 (2.9)	89.9 (1.7)
$10,001 to 15,000	37.3	29.6	16.8	15.6	44.8 (2.7)	24.5 (2.2)	18.2 (2.1)	15.3 (2.0)	54.7 (2.7)	45.5 (2.7)	66.7 (2.5)	61.2 (2.6)	91.9 (1.4)
$15,001 to 20,000	41.1	25.7	13.9	16.8	43.1 (2.7)	25.8 (2.3)	13.3 (1.6)	13.8 (1.7)	49.2 (2.7)	47.2 (2.7)	62.4 (2.6)	64.1 (2.5)	91.4 (1.4)
$20,001 to 25,000	42.3	30.8	20.9	14.9	38.6 (2.3)	26.1 (2.1)	18.6 (1.8)	14.6 (1.5)	53.0 (2.5)	47.4 (2.5)	67.6 (2.4)	63.4 (2.3)	89.8 (1.4)
$25,001 to 30,000	43.3	27.1	17.7	16.0	45.3 (2.4)	30.4 (2.3)	20.7 (2.0)	14.4 (1.6)	53.3 (2.4)	50.1 (2.4)	70.6 (2.2)	68.7 (2.2)	94.6 (0.9)
$30,001 to 35,000	50.5	30.0	21.3	15.9	49.3 (2.5)	31.1 (2.3)	21.6 (2.1)	11.9 (1.5)	54.7 (2.5)	53.8 (2.4)	69.3 (2.2)	66.2 (2.3)	93.1 (1.5)
$35,001 to 40,000	56.4	32.6	17.3	13.2	52.0 (2.4)	34.5 (2.2)	23.5 (2.0)	13.1 (1.4)	57.0 (2.4)	59.2 (2.3)	72.5 (2.1)	71.4 (2.1)	96.2 (0.8)
$40,001 to 50,000	55.1	32.7	21.1	13.2	52.1 (2.0)	32.5 (1.8)	22.5 (1.6)	13.1 (1.3)	55.8 (1.9)	58.4 (1.9)	68.9 (1.8)	72.2 (1.7)	95.6 (0.7)
$50,001 to 75,000	55.5	33.3	25.1	13.4	51.5 (1.5)	34.6 (1.5)	23.1 (1.3)	12.2 (0.9)	53.8 (1.5)	57.5 (1.5)	70.9 (1.4)	72.5 (1.4)	96.2 (0.6)
Over $75,000	59.6	42.6	31.4	19.0	55.5 (1.5)	44.4 (1.5)	31.7 (1.4)	15.8 (1.0)	60.8 (1.5)	62.0 (1.4)	71.4 (1.4)	74.4 (1.3)	95.4 (0.7)
Child attending public schools[2]	48.3	31.7	19.9	14.7	47.5 (0.7)	30.4 (0.7)	21.0 (0.6)	13.7 (0.5)	54.4 (0.7)	51.1 (0.7)	68.7 (0.7)	67.4 (0.7)	93.6 (0.4)
Child attending private schools[2]	58.2	37.2	27.8	16.9	56.6 (1.8)	44.2 (1.8)	31.2 (1.6)	17.0 (1.3)	58.5 (1.7)	64.9 (1.7)	73.9 (1.6)	71.6 (1.5)	94.6 (0.8)

[1] Includes children enrolled in nursery school through grade 5.

[2] Excludes nursery school and home-schooled children.

NOTE: Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey, 1996 and 1999, unpublished data. (This table was prepared June 2001.)

Table 27.—Public's level of confidence in various institutions: 1996 and 1998

Institution	Percent of respondents by levels of confidence, 1996					Percent of respondents by levels of confidence, 1998				
	A great deal	Quite a lot	Some	Very little	No opinion	A great deal	Quite a lot	Some	Very little	No opinion
1	2	3	4	5	6	7	8	9	10	11
Private higher education	18.3	38.7	28.3	7.5	7.1	—	—	—	—	—
Small businesses	15.3	40.8	32.6	7.6	3.8	25.0	31.0	34.0	9.0	1.0
Religious organizations	23.6	31.1	31.3	12.3	1.7	34.0	25.0	26.0	12.0	2.0
The military	16.9	37.0	31.0	12.1	3.1	33.0	31.0	25.0	8.0	2.0
Public higher education	15.0	36.4	34.2	11.6	2.8	—	—	—	—	—
Private elementary or secondary education	15.1	35.3	33.4	9.7	6.5	—	—	—	—	—
Youth development and recreation	14.8	35.2	32.7	11.6	5.7	—	—	—	—	—
Public elementary or secondary education	13.3	31.7	37.2	15.3	2.4	16.0	21.0	40.0	20.0	1.0
Health organizations	10.8	28.2	42.0	15.9	3.1	—	—	—	—	—
Federated charitable appeals, e.g., United Way	12.6	26.3	34.9	21.6	4.5	—	—	—	—	—
Human services organizations	9.1	28.1	42.6	15.1	5.0	—	—	—	—	—
Arts, culture, and humanities organizations	9.3	26.7	39.8	14.3	9.9	—	—	—	—	—
Recreation for adults	7.8	27.5	41.9	13.4	9.4	—	—	—	—	—
Environmental organizations	9.4	23.1	41.0	20.3	6.2	—	—	—	—	—
Private and community foundations	7.6	24.0	42.3	13.5	12.6	—	—	—	—	—
Local government	5.4	25.9	43.3	23.1	2.3	—	—	—	—	—
Public/society benefit, e.g., civil rights, social justice, community improvement organizations	7.5	22.7	43.4	20.8	5.6	—	—	—	—	—
Media, e.g., newspapers, TV, radio	6.3	22.7	39.5	29.7	1.8	—	—	—	—	—
Television news	—	—	—	—	—	15.0	19.0	40.0	24.0	1.0
Work-related organizations	6.1	21.5	47.2	17.4	7.9	—	—	—	—	—
State government	4.1	22.2	44.9	26.4	2.5	—	—	—	—	—
International/foreign, e.g., culture exchange, relief organizations	6.3	19.1	37.5	24.2	12.8	—	—	—	—	—
Organized labor	6.6	17.7	40.9	29.3	5.6	11.0	15.0	45.0	22.0	5.0
Major corporations	4.9	18.7	44.2	27.4	4.8	—	—	—	—	—
Federal government	5.2	17.5	43.9	31.1	2.2	—	—	—	—	—
Organizations that advocate a particular cause	4.0	15.7	42.7	29.5	8.1	—	—	—	—	—
Congress	3.4	12.4	41.7	39.0	3.5	10.0	18.0	48.0	20.0	2.0
Political organizations, e.g., Republican or Democratic parties	3.8	10.8	39.2	42.6	3.7	—	—	—	—	—

—Not available.

NOTE: Institutions are listed in rank order as determined by the combined responses of "a great deal" and "quite a lot" of confidence for 1996.

SOURCE: Independent Sector, The Gallup Organization, *Giving and Volunteering in the United States, 1996* and *1998*. (This table was prepared September 1998.)

Table 28.—Percentage of households contributing to education and other charitable organizations and average annual donation, by type of charity: 1989, 1991, 1993, and 1995

Type of charity	1989			1991			1993			1995		
	Percentage of total households [1]	Average annual contribution		Percentage of total households [1]	Average annual contribution		Percentage of total households [1]	Average annual contribution		Percentage of total households [1]	Average annual contribution	
		Per contributing household	Per total household		Per contributing household	Per total household		Per contributing household	Per total household		Per contributing household	Per total household
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**75.1**	**$978**	**$734**	**72.2**	**$899**	**$649**	**73.4**	**$880**	**$646**	**68.5**	**$1,017**	**$696**
Religious	53.2	896	477	51.3	800	410	49.2	817	402	48.0	868	417
Health	32.4	143	46	32.9	154	51	25.7	139	36	27.3	214	58
Human services	23.0	263	60	27.5	260	71	26.7	208	56	25.1	271	68
Youth development	21.6	129	28	22.1	114	25	17.9	106	19	20.9	137	29
Education	19.1	291	56	21.1	225	47	17.5	424	74	20.3	318	65
Environment	13.4	88	12	16.3	99	16	11.6	89	10	11.5	106	12
Arts, culture, and humanities	9.6	193	19	9.4	194	18	8.1	139	11	9.4	216	20
Public and societal benefit	11.2	120	13	11.2	132	15	11.2	160	18	10.3	122	13
Private and community foundations	6.4	116	7	6.0	113	7	5.3	144	8	6.1	181	11
Recreation, adults	6.2	135	8	6.3	164	10	4.6	193	9	7.0	161	11
International, foreign	4.2	202	8	3.5	198	7	2.8	([2])	([2])	6.1	283	17
Other	3.0	195	6	2.8	233	7	4.7	81	4	2.1	160	3

[1] Percents do not add to total because of respondents giving to more than one type of charity.

[2] Sample size too small for reliable data.

NOTE: Details for total households do not add to totals because details only include households which reported a donation amount for the particular type of charity. The percentage of total includes households who reported giving donations, but did not specify amount.

SOURCE: Independent Sector, The Gallup Organization, *Giving and Volunteering in the United States*, 1989, 1991, 1993, and 1995. (This table was prepared April 1997.)

Table 29.—Total expenditures of educational institutions related to the gross domestic product, by level of institution: 1929–30 to 2000–01

Year	Gross domestic product (in billions)	School year	Total expenditures for education (amounts in millions of current dollars)					
			All educational institutions		All elementary and secondary schools		All colleges and universities	
			Amount	As a percent of gross domestic product	Amount	As a percent of gross domestic product	Amount	As a percent of gross domestic product
1	2	3	4	5	6	7	8	9
1929	$103.7	1929–30	—	—	—	—	$632	0.6
1939	92.0	1939–40	—	—	—	—	758	0.8
1949	267.7	1949–50	$8,911	3.3	$6,249	2.3	2,662	1.0
1959	507.4	1959–60	23,860	4.7	16,713	3.3	7,147	1.4
1961	545.7	1961–62	28,503	5.2	19,673	3.6	8,830	1.6
1963	618.7	1963–64	34,440	5.6	22,825	3.7	11,615	1.9
1965	720.1	1965–66	43,682	6.1	28,048	3.9	15,634	2.2
1967	834.1	1967–68	55,652	6.7	35,077	4.2	20,575	2.5
1969	985.3	1969–70	68,459	6.9	43,183	4.4	25,276	2.6
1970	1,039.7	1970–71	75,741	7.3	48,200	4.6	27,541	2.6
1971	1,128.6	1971–72	80,672	7.1	50,950	4.5	29,722	2.6
1972	1,240.4	1972–73	86,875	7.0	54,952	4.4	31,923	2.6
1973	1,385.5	1973–74	95,396	6.9	60,370	4.4	35,026	2.5
1974	1,501.0	1974–75	108,664	7.2	68,846	4.6	39,818	2.7
1975	1,635.2	1975–76	118,706	7.3	75,101	4.6	43,605	2.7
1976	1,823.9	1976–77	126,417	6.9	79,194	4.3	47,223	2.6
1977	2,031.4	1977–78	137,042	6.7	86,544	4.3	50,498	2.5
1978	2,295.9	1978–79	148,308	6.5	93,012	4.1	55,296	2.4
1979	2,566.4	1979–80	165,627	6.5	103,162	4.0	62,465	2.4
1980	2,795.6	1980–81	182,849	6.5	112,325	4.0	70,524	2.5
1981	3,131.3	1981–82	197,801	6.3	120,486	3.8	77,315	2.5
1982	3,259.2	1982–83	212,081	6.5	128,725	3.9	83,356	2.6
1983	3,534.9	1983–84	228,597	6.5	139,000	3.9	89,597	2.5
1984	3,932.7	1984–85	247,657	6.3	149,400	3.8	98,257	2.5
1985	4,213.0	1985–86	269,485	6.4	161,800	3.8	107,685	2.6
1986	4,452.9	1986–87	291,974	6.6	175,200	3.9	116,774	2.6
1987	4,742.5	1987–88	313,375	6.6	187,999	4.0	125,376	2.6
1988	5,108.3	1988–89	346,883	6.8	209,377	4.1	137,506	2.7
1989	5,489.1	1989–90	381,525	7.0	230,970	4.2	150,555	2.7
1990	5,803.2	1990–91	412,652	7.1	248,930	4.3	163,722	2.8
1991	5,986.2	1991–92	432,987	7.2	261,255	4.4	171,732	2.9
1992	6,318.9	1992–93	456,070	7.2	274,335	4.3	181,735	2.9
1993	6,642.3	1993–94	477,237	7.2	287,507	4.3	189,730	2.9
1994	7,054.3	1994–95	503,925	7.1	302,400	4.3	201,525	2.9
1995	7,400.5	1995–96	529,596	7.2	318,246	4.3	211,350	2.9
1996	7,813.2	1996–97	562,451	7.2	339,151	4.3	223,300	2.9
1997	8,318.4	1997–98	596,915	7.2	361,415	4.3	235,500	2.8
1998	8,781.5	1998–99[1]	633,459	7.2	384,059	4.4	249,400	2.8
1999	9,268.6	1999–2000[2]	669,000	7.2	404,300	4.4	264,700	2.9
2000	9,872.9	2000–01[2]	699,700	7.1	422,700	4.3	277,000	2.8

—Not available.

[1] Preliminary data for elementary and secondary schools and estimates for colleges and universities.

[2] Estimated.

NOTE: Total expenditures for public elementary and secondary schools include current expenditures, interest on school debt, and capital outlay. Data for private elementary and secondary schools are estimated. Total expenditures for colleges and universities include current-fund expenditures and additions to plant value. Excludes expenditures of noncollegiate postsecondary institutions. Data for 1995–96 and later years are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs. Some data revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education; Financial Statistics of Institutions of Higher Education;* Common Core of Data survey; Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" survey; Integrated Postsecondary Education Data System (IPEDS) "Finance" survey; and unpublished data; Bureau of Economic Analysis, *Survey of Current Business;* and National Education Association, *Estimates of School Statistics*, various years. (This table was prepared November 2001.)

Table 30.—Total expenditures of educational institutions, by level and control of institution: 1899–1900 to 2000–01

[In millions of dollars]

School year	In current dollars							In constant 2000–01 dollars[1]			
	Total	Elementary and secondary schools			Colleges and universities			Total	Elementary and secondary schools		Colleges and universities
		Total	Public	Private[2]	Total	Public	Private		Total	Public	
1	2	3	4	5	6	7	8	9	10	11	12
1899–1900	—	—	$215	—	—	—	—	—	—	—	—
1909–10	—	—	426	—	—	—	—	—	—	—	—
1919–20	—	—	1,036	—	—	—	—	—	—	$9,519	—
1929–30	—	—	2,317	—	$632	$292	$341	—	—	23,699	$6,467
1939–40	—	—	2,344	—	758	392	367	—	—	29,368	9,503
1949–50	$8,911	$6,249	5,838	$411	2,662	1,430	1,233	$65,881	$46,197	43,159	19,684
1951–52	10,735	7,861	7,344	517	2,874	1,565	1,309	71,511	52,370	48,926	19,148
1953–54	13,147	9,733	9,092	641	3,414	1,912	1,502	85,600	63,374	59,200	22,226
1955–56	15,907	11,727	10,955	772	4,180	2,348	1,832	103,604	76,380	71,351	27,225
1957–58	20,055	14,525	13,569	956	5,530	3,237	2,293	122,960	89,055	83,194	33,905
1959–60	23,860	16,713	15,613	1,100	7,147	3,904	3,244	142,183	99,594	93,039	42,590
1961–62	28,503	19,673	18,373	1,300	8,830	4,919	3,911	166,034	114,600	107,027	51,434
1963–64	34,440	22,825	21,325	1,500	11,615	6,558	5,057	195,520	129,579	121,063	65,941
1965–66	43,682	28,048	26,248	1,800	15,634	9,047	6,588	239,701	153,911	144,033	85,791
1967–68	55,652	35,077	32,977	2,100	20,575	12,750	7,824	286,527	180,597	169,785	105,930
1969–70	68,459	43,183	40,683	2,500	25,276	16,234	9,041	317,317	200,161	188,573	117,156
1970–71	75,741	48,200	45,500	2,700	27,541	18,028	9,513	333,834	212,446	200,545	121,388
1971–72	80,672	50,950	48,050	2,900	29,722	19,538	10,184	343,259	216,792	204,452	126,467
1972–73	86,875	54,952	51,852	3,100	31,923	21,144	10,779	355,334	224,764	212,085	130,570
1973–74	95,396	60,370	56,970	3,400	35,026	23,542	11,484	358,243	226,710	213,942	131,533
1974–75	108,664	68,846	64,846	4,000	39,818	26,966	12,852	367,358	232,746	219,223	134,612
1975–76	118,706	75,101	70,601	4,500	43,605	29,736	13,869	374,777	237,108	222,900	137,670
1976–77	126,417	79,194	74,194	5,000	47,223	31,997	15,226	377,131	236,253	221,337	140,878
1977–78	137,042	86,544	80,844	5,700	50,498	34,031	16,467	383,105	241,937	226,002	141,168
1978–79	148,308	93,012	86,712	6,300	55,296	37,110	18,187	379,089	237,746	221,642	141,343
1979–80	165,627	103,162	95,962	7,200	62,465	41,434	21,031	373,551	232,669	216,430	140,883
1980–81	182,849	112,325	104,125	8,200	70,524	46,559	23,965	369,587	227,038	210,464	142,548
1981–82	197,801	120,486	111,186	9,300	77,315	50,813	26,502	368,017	224,169	206,866	143,848
1982–83	212,081	128,725	118,425	10,300	83,356	54,338	29,018	378,337	229,635	211,261	148,701
1983–84	228,597	139,000	127,500	11,500	89,597	58,124	31,473	393,244	239,114	219,332	154,130
1984–85	247,657	149,400	137,000	12,400	98,257	63,705	34,553	409,984	247,324	226,797	162,659
1985–86	269,485	161,800	148,600	13,200	107,685	70,069	37,616	433,615	260,344	239,105	173,271
1986–87	291,974	175,200	160,900	14,300	116,774	74,552	42,222	459,597	275,783	253,273	183,814
1987–88	313,375	187,999	172,699	15,300	125,376	79,859	45,516	473,658	284,155	261,030	189,502
1988–89	346,883	209,377	192,977	16,400	137,506	87,107	50,398	501,160	302,498	278,804	198,662
1989–90	381,525	230,970	212,770	18,200	150,555	96,387	54,169	526,103	318,495	293,398	207,608
1990–91	412,652	248,930	229,430	19,500	163,722	104,433	59,288	539,528	325,467	299,972	214,061
1991–92	432,987	261,255	241,055	20,200	171,732	108,667	63,065	548,539	330,977	305,386	217,563
1992–93	456,070	274,335	252,935	21,400	181,735	115,169	66,566	560,282	337,020	310,731	223,261
1993–94	477,237	287,507	265,307	22,200	189,730	119,573	70,157	571,482	344,284	317,700	227,198
1994–95	503,925	302,400	279,000	23,400	201,525	127,594	73,930	586,626	352,028	324,788	234,598
1995–96	529,596	318,246	293,646	24,600	211,350	132,752	78,597	600,182	360,663	332,784	239,519
1996–97	562,451	339,151	313,151	26,000	223,300	139,600	[2]83,600	619,734	373,692	345,044	246,042
1997–98[3]	596,915	361,415	334,315	27,100	235,500	146,700	88,800	646,184	391,246	361,909	254,938
1998–99[4]	633,459	384,059	355,859	28,200	249,400	154,000	95,400	674,075	408,684	378,676	265,391
1999–2000[2]	669,000	404,300	375,000	29,300	264,700	163,200	101,500	691,920	418,151	387,948	273,769
2000–01[2]	699,700	422,700	392,200	30,500	277,000	171,000	106,000	699,700	422,700	392,200	277,000

—Not available.

[1] Based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school year basis.

[2] Estimated.

[3] Data for college and universities are estimated.

[4] Preliminary data for public elementary and secondary schools and estimates for colleges and universities.

NOTE: Total expenditures for public elementary and secondary schools include current expenditures, interest on school debt, and capital outlay. Data for private elementary and secondary schools are estimated. Total expenditures for colleges and universities include current-fund expenditures and additions to plant value. Excludes expenditures of noncollegiate postsecondary institutions. College and university education data for 1995–96 and later years are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education;* Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" survey; Common Core of Data survey; "Financial Statistics of Institutions of Higher Education" survey; Integrated Postsecondary Education Data System (IPEDS) "Finance" survey; and National Education Association, *Estimates of School Statistics,* various years. (This table was prepared November 2001.)

Table 31.—Governmental expenditures, by level of government and function: 1970–71 to 1997–98

Expenditure, by function	All governments[1]				Federal government				State and local governments[2]						
	1970–71	1980–81	1990–91	1994–95	1970–71	1980–81	1990–91	1994–95	1970–71	1980–81	1990–91	1994–95	1995–96	1996–97	1997–98
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	In millions														
General expenditures	**$301,096**	**$827,877**	**$1,804,005**	**$2,059,334**	**$150,422**	**$422,301**	**$1,060,407**	**$1,146,827**	**$150,674**	**$407,449**	**$908,108**	**$1,146,188**	**$1,189,356**	**$1,247,436**	**$1,314,496**
Selected federal programs															
National defense and international relations	80,910	174,564	366,112	327,231	80,910	174,564	366,112	327,231	—	—	—	—	—	—	—
Postal service	8,683	20,466	43,102	49,482	8,683	20,466	43,102	49,482	—	—	—	—	—	—	—
Space research and technology	3,334	5,523	13,514	13,316	3,334	5,523	13,514	13,316	—	—	—	—	—	—	—
Education and libraries	64,042	158,012	334,333	410,827	4,629	12,408	46,025	55,794	60,174	147,649	313,744	383,557	404,579	425,346	456,934
Social services and income maintenance.															
Public welfare	20,446	74,643	167,681	250,356	2,220	22,395	119,135	177,874	18,226	54,121	130,402	193,110	193,480	199,973	204,640
Hospitals and health	14,835	47,378	102,817	132,463	3,630	11,277	28,207	36,392	11,205	36,101	81,110	105,946	110,813	110,332	114,024
Social insurance administration	2,031	5,075	27,356	31,350	1,086	16,575	23,949	27,198	945	2,333	3,407	4,152	4,156	4,252	4,422
Transportation	23,722	46,578	84,048	99,064	4,062	7,724	23,250	29,871	19,819	39,231	75,410	88,938	91,639	96,165	101,826
Public safety.															
Police and fire protection	5,706	16,851	52,738	65,627	478	1,904	6,170	7,563	7,531	21,283	46,568	58,064	62,392	67,026	70,744
Correction	1,979	7,806	29,297	38,922	94	413	1,941	3,065	1,885	7,393	27,356	35,857	37,510	39,946	42,479
Environment and housing.															
Natural resources, parks, recreation	13,740	43,599	74,667	75,133	10,658	38,896	48,415	44,752	5,191	13,239	28,505	33,140	34,955	37,333	39,857
Housing and community development	4,467	13,894	33,346	36,721	1,913	6,808	30,199	40,351	2,554	7,086	16,648	21,509	22,666	23,230	24,697
Sewerage and sanitation	—	—	31,014	38,573	—	—	—	—	4,087	14,898	31,014	38,573	39,365	41,549	41,765
Governmental administration.															
Financial administration	3,612	10,944	27,204	34,824	1,341	3,714	10,209	12,444	2,271	7,230	16,995	22,380	22,633	24,400	25,914
General control[3]	3,567	11,514	36,977	44,610	540	1,973	5,511	6,972	4,432	12,771	31,466	37,638	39,512	42,243	44,813
Interest on general debt	21,688	97,641	247,376	290,195	16,599	80,510	195,142	233,225	5,089	17,131	52,234	56,970	58,912	62,422	64,554
Other and unallocable	28,334	93,389	132,424	120,641	10,245	17,151	99,526	81,297	7,265	26,983	53,250	66,355	66,744	73,217	77,829
	Percentage distribution														
General expenditures	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Selected federal programs															
National defense and international relations	26.9	21.1	20.3	15.9	53.8	41.3	34.5	28.5	—	—	—	—	—	—	—
Postal service	2.9	2.5	2.4	2.4	5.8	4.8	4.1	4.3	—	—	—	—	—	—	—
Space research and technology	1.1	0.7	0.7	0.6	2.2	1.3	1.3	1.2	—	—	—	—	—	—	—
Education and libraries	21.3	19.1	18.5	19.9	3.1	2.9	4.3	4.9	39.9	36.2	34.5	33.5	34.0	34.1	34.8
Social services and income maintenance.															
Public welfare	6.8	9.0	9.3	12.2	1.5	5.3	11.2	15.5	12.1	13.3	14.4	16.8	16.3	16.0	15.6
Hospitals and health	4.9	5.7	5.7	6.4	2.4	2.7	2.7	3.2	7.4	8.9	8.9	9.2	9.3	8.8	8.7
Social insurance administration	0.7	0.6	1.5	1.5	0.7	3.9	2.3	2.4	0.6	0.6	0.4	0.4	0.3	0.3	0.3
Transportation	7.9	5.6	4.7	4.8	2.7	1.8	2.2	2.6	13.2	9.6	8.3	7.8	7.7	7.7	7.7
Public safety.															
Police and fire protection	1.9	2.0	2.9	3.2	0.3	0.5	0.6	0.7	5.0	5.2	5.1	5.1	5.2	5.4	5.4
Correction	0.7	0.9	1.6	1.9	0.1	0.1	0.2	0.3	1.3	1.8	3.0	3.1	3.2	3.2	3.2
Environment and housing.															
Natural resources, parks, recreation	4.8	5.3	4.1	3.6	7.1	9.2	4.6	3.9	3.4	3.2	3.1	2.9	2.9	3.0	3.0
Housing and community development	1.5	1.7	1.8	1.8	1.3	1.6	2.8	3.5	1.7	1.7	1.8	1.9	1.9	1.9	1.9
Sewerage and sanitation	—	—	1.7	1.9	0.0	0.0	0.0	0.0	2.7	3.7	3.4	3.4	3.3	3.3	3.2
Governmental administration.															
Financial administration	1.2	1.3	1.5	1.7	0.9	0.9	1.0	1.1	1.5	1.8	1.9	2.0	1.9	2.0	2.0
General control[3]	1.2	1.4	2.0	2.2	0.4	0.5	0.5	0.6	2.9	3.1	3.5	3.3	3.3	3.4	3.4
Interest on general debt	7.2	11.6	13.7	14.1	11.0	19.1	18.4	20.3	3.4	4.2	5.8	5.0	5.0	5.0	4.9
Other and unallocable	9.4	11.3	7.3	5.9	6.8	4.1	9.4	7.1	4.8	6.6	5.9	5.8	5.6	5.9	5.9

—Not available.

[1] Excludes duplicative intergovernmental transactions.

[2] General expenditures include monies paid by states to the federal government, which are excluded from direct general expenditures.

[3] Includes judicial and legal expenditures and expenditures on general and public buildings and other governmental administration.

NOTE: Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, unpublished data. (This table was prepared January 2002.)

Table 32.—Direct general expenditures of state and local governments for all functions and for education, by level and state: 1997–98

[In millions]

State	Total direct general expenditures[1]	Education expenditures							
		Total	Elementary and secondary education			Colleges and universities			Other education[3]
			Total	Current expenditure	Capital outlay[2]	Total	Current expenditure	Capital outlay	
1	2	3	4	5	6	7	8	9	10
United States	**$1,314,496**	**$450,365**	**$318,065**	**$281,867**	**$36,198**	**$112,874**	**$100,284**	**$12,590**	**$19,426**
Alabama	18,583	6,629	4,209	3,743	466	2,032	1,847	184	388
Alaska	6,763	1,532	1,158	1,048	109	316	315	1	59
Arizona	18,642	6,515	4,465	3,705	760	1,802	1,618	184	247
Arkansas	10,101	3,748	2,442	2,249	193	1,028	833	195	278
California	167,985	52,190	36,674	32,323	4,351	13,345	11,930	1,415	2,171
Colorado	18,469	6,830	4,488	3,865	623	2,167	2,005	162	175
Connecticut	18,300	5,451	4,193	3,989	204	1,010	934	76	247
Delaware	4,053	1,505	889	828	61	496	480	16	120
District of Columbia	4,454	755	690	625	65	65	62	3	—
Florida	66,491	19,659	14,789	12,840	1,950	4,149	3,538	611	721
Georgia	33,262	12,306	8,699	7,676	1,023	2,760	2,275	485	847
Hawaii	6,595	1,636	973	813	160	640	582	58	23
Idaho	5,185	1,925	1,310	1,145	165	544	460	84	70
Illinois	55,825	19,324	14,099	12,182	1,917	4,183	3,743	440	1,042
Indiana	24,559	10,234	6,649	5,869	780	3,179	2,871	308	406
Iowa	13,837	5,459	3,319	2,994	326	1,809	1,662	146	331
Kansas	11,333	4,371	2,857	2,668	189	1,372	1,239	133	143
Kentucky	16,609	5,576	3,507	3,107	400	1,671	1,461	210	397
Louisiana	19,864	6,336	4,287	3,977	310	1,697	1,563	133	353
Maine	6,130	2,029	1,537	1,455	82	413	380	34	79
Maryland	23,448	8,536	5,837	5,292	545	2,332	2,161	171	367
Massachusetts	33,916	9,816	7,457	6,790	667	1,832	1,723	109	526
Michigan	48,482	19,846	13,694	11,981	1,713	5,617	4,961	655	536
Minnesota	27,019	9,044	6,318	5,536	782	2,308	2,107	201	419
Mississippi	11,886	4,098	2,508	2,175	333	1,346	1,123	222	244
Missouri	21,918	8,015	5,633	5,080	553	2,020	1,768	252	362
Montana	4,005	1,466	997	923	74	379	344	35	90
Nebraska	7,409	2,969	1,908	1,695	214	967	872	95	93
Nevada	8,584	2,560	1,919	1,579	340	583	522	61	57
New Hampshire	5,092	1,806	1,336	1,231	104	413	375	38	58
New Jersey	44,513	16,183	12,822	11,782	1,040	2,854	2,570	284	507
New Mexico	8,777	3,108	1,885	1,638	247	1,100	990	110	122
New York	128,227	35,964	28,670	25,943	2,727	5,932	5,131	801	1,362
North Carolina	33,826	11,925	7,504	6,519	985	3,940	3,461	479	481
North Dakota	3,266	1,136	666	608	57	418	384	35	52
Ohio	50,572	18,253	12,783	11,657	1,126	4,497	3,853	643	973
Oklahoma	12,726	5,126	3,473	3,144	329	1,455	1,365	90	198
Oregon	17,021	5,878	3,845	3,526	319	1,783	1,590	193	250
Pennsylvania	57,061	20,888	15,106	13,425	1,681	4,331	3,860	470	1,452
Rhode Island	4,911	1,650	1,196	1,172	24	349	334	15	106
South Carolina	17,070	6,104	4,138	3,517	621	1,678	1,499	179	288
South Dakota	3,133	1,049	757	649	108	248	221	27	44
Tennessee	22,441	7,297	5,008	4,420	588	2,042	1,669	372	248
Texas	81,312	32,852	23,747	20,185	3,561	8,347	7,461	886	758
Utah	9,863	3,841	2,262	1,954	308	1,429	1,227	202	150
Vermont	3,010	1,171	773	709	63	321	300	21	77
Virginia	30,074	11,071	7,623	6,998	625	3,002	2,653	350	446
Washington	30,824	10,433	7,049	5,932	1,117	2,889	2,522	367	495
West Virginia	7,999	2,864	1,981	1,809	172	716	668	48	167
Wisconsin	26,151	10,398	7,246	6,294	952	2,792	2,507	285	360
Wyoming	2,918	1,008	689	605	85	278	262	16	41

[1] Includes state and local government expenditures for education services, social services and income maintenance, transportation, public safety, environment and housing, governmental administration, interest on general debt, and other general expenditures. Includes intergovernmental expenditure to the federal government.

[2] Includes outlays for "other education."

[3] Includes assistance and subsidies to individuals and private elementary and secondary schools, and colleges and universities, as well as miscellaneous education expenditures.

NOTE: Current expenditure data in this table differ from figures appearing in other tables because of slightly varying definitions used in the *Governmental Finances* and Common Core of Data surveys. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, unpublished data. (This table was prepared August 2001.)

Table 33.—Direct general expenditures per capita of state and local governments for all functions and for education, by level and state: 1997–98

State	Total, all direct general expenditures per capita[1]	Education expenditures							
		Total		Elementary and secondary education		Colleges and universities		Other education[2]	
		Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions
1	2	3	4	5	6	7	8	9	10
United States	**$4,864**	**$1,666**	**34.3**	**$1,177**	**24.2**	**$418**	**8.6**	**$72**	**1.5**
Alabama	4,271	1,524	35.7	967	22.7	467	10.9	89	2.1
Alaska	10,992	2,491	22.7	1,882	17.1	513	4.7	96	0.9
Arizona	3,994	1,396	34.9	957	24.0	386	9.7	53	1.3
Arkansas	3,980	1,476	37.1	962	24.2	405	10.2	110	2.8
California	5,140	1,597	31.1	1,122	21.8	408	7.9	66	1.3
Colorado	4,653	1,721	37.0	1,131	24.3	546	11.7	44	0.9
Connecticut	5,592	1,666	29.8	1,281	22.9	309	5.5	76	1.4
Delaware	5,447	2,023	37.1	1,195	21.9	667	12.2	161	3.0
District of Columbia	8,541	1,448	17.0	1,323	15.5	125	1.5	—	—
Florida	4,460	1,319	29.6	992	22.2	278	6.2	48	1.1
Georgia	4,356	1,611	37.0	1,139	26.2	361	8.3	111	2.5
Hawaii	5,540	1,375	24.8	818	14.8	538	9.7	19	0.3
Idaho	4,212	1,564	37.1	1,065	25.3	442	10.5	57	1.4
Illinois	4,625	1,601	34.6	1,168	25.3	347	7.5	86	1.9
Indiana	4,157	1,732	41.7	1,125	27.1	538	12.9	69	1.7
Iowa	4,836	1,908	39.5	1,160	24.0	632	13.1	116	2.4
Kansas	4,295	1,656	38.6	1,083	25.2	520	12.1	54	1.3
Kentucky	4,222	1,417	33.6	891	21.1	425	10.1	101	2.4
Louisiana	4,553	1,452	31.9	983	21.6	389	8.5	81	1.8
Maine	4,914	1,627	33.1	1,232	25.1	331	6.7	63	1.3
Maryland	4,571	1,664	36.4	1,138	24.9	455	9.9	72	1.6
Massachusetts	5,520	1,597	28.9	1,214	22.0	298	5.4	86	1.6
Michigan	4,937	2,021	40.9	1,394	28.2	572	11.6	55	1.1
Minnesota	5,717	1,914	33.5	1,337	23.4	488	8.5	89	1.5
Mississippi	4,320	1,489	34.5	912	21.1	489	11.3	89	2.1
Missouri	4,031	1,474	36.6	1,036	25.7	372	9.2	67	1.7
Montana	4,553	1,666	36.6	1,133	24.9	430	9.5	102	2.2
Nebraska	4,461	1,787	40.1	1,149	25.8	582	13.0	56	1.3
Nevada	4,923	1,468	29.8	1,101	22.4	335	6.8	33	0.7
New Hampshire	4,294	1,523	35.5	1,126	26.2	348	8.1	49	1.1
New Jersey	5,496	1,999	36.4	1,584	28.8	353	6.4	63	1.1
New Mexico	5,063	1,793	35.4	1,088	21.5	635	12.5	70	1.4
New York	7,061	1,981	28.0	1,579	22.4	327	4.6	75	1.1
North Carolina	4,483	1,580	35.3	994	22.2	522	11.6	64	1.4
North Dakota	5,121	1,781	34.8	1,044	20.4	656	12.8	82	1.6
Ohio	4,500	1,624	36.1	1,137	25.3	400	8.9	87	1.9
Oklahoma	3,811	1,535	40.3	1,040	27.3	436	11.4	59	1.6
Oregon	5,186	1,791	34.5	1,172	22.6	543	10.5	76	1.5
Pennsylvania	4,754	1,740	36.6	1,259	26.5	361	7.6	121	2.5
Rhode Island	4,972	1,671	33.6	1,211	24.4	353	7.1	107	2.1
South Carolina	4,446	1,590	35.8	1,078	24.2	437	9.8	75	1.7
South Dakota	4,288	1,436	33.5	1,035	24.2	340	7.9	61	1.4
Tennessee	4,131	1,343	32.5	922	22.3	376	9.1	46	1.1
Texas	4,125	1,667	40.4	1,205	29.2	423	10.3	38	0.9
Utah	4,695	1,828	38.9	1,077	22.9	680	14.5	71	1.5
Vermont	5,096	1,983	38.9	1,309	25.7	543	10.7	131	2.6
Virginia	4,430	1,631	36.8	1,123	25.3	442	10.0	66	1.5
Washington	5,419	1,834	33.8	1,239	22.9	508	9.4	87	1.6
West Virginia	4,415	1,581	35.8	1,093	24.8	395	9.0	92	2.1
Wisconsin	5,008	1,991	39.8	1,387	27.7	535	10.7	69	1.4
Wyoming	6,079	2,099	34.5	1,436	23.6	578	9.5	85	1.4

—Not available.

[1] Includes state and local government expenditures for education services, social services and income maintenance, transportation, public safety, environment and housing, governmental administration, interest on general debt, and other general expenditures. Includes intergovernmental expenditure to the federal government.

[2] Includes assistance and subsidies to individuals and private elementary and secondary schools, and colleges and universities, as well as miscellaneous education expenditures.

NOTE: Per capita amounts are based on population figures as of July 1, 1998, and are computed on the basis of amounts rounded to the nearest thousand. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, unpublished data. (This table was prepared September 2001.)

Table 34.—Gross domestic product, state and local expenditures, personal income, disposable personal income, median family income, and population: 1929 to 2000

Year	Gross domestic product, in billions		State and local expenditures,[1] in millions		Personal income, in billions	Disposable personal income, in billions of chained 1996 dollars	Disposable personal income per capita		Median family income	Population in thousands	
	Current dollars	Chained 1996 dollars	All general expenditures	Education expenditures			Current dollars	Chained 1996 dollars		Annual averages of quarterly data[2]	Resident population as of July 1[3]
1929	$103.7	$822.2	—	—	$85.3	$672.3	$683	$5,516	—	—	121,767
1933	56.4	603.3	—	—	46.9	510.7	365	4,063	—	—	125,579
1939	92.0	903.5	—	—	73.1	732.3	545	5,589	—	—	130,880
1940	101.3	980.7	$9,229	$2,638	78.6	781.1	581	5,912	—	—	132,122
1941	126.7	1,148.8	—	—	96.3	899.0	703	6,739	—	—	133,402
1942	161.8	1,360.0	9,190	2,586	123.8	1,012.4	880	7,507	—	—	134,860
1943	198.4	1,583.7	—	—	152.4	1,057.9	990	7,737	—	—	136,739
1944	219.7	1,714.1	8,863	2,793	166.3	1,096.1	1,072	7,920	—	—	138,397
1945	223.0	1,693.3	—	—	171.9	1,081.5	1,087	7,729	—	—	139,928
1946	222.3	1,505.5	11,028	3,356	179.5	1,074.4	1,145	7,599	—	—	141,389
1947	244.4	1,495.1	—	—	192.1	1,035.2	1,194	7,183	$3,031	—	144,126
1948	269.6	1,560.0	17,684	5,379	211.1	1,090.0	1,307	7,433	3,187	—	146,631
1949	267.7	1,550.9	—	—	208.2	1,095.6	1,281	7,343	3,107	—	149,188
1950	294.3	1,686.6	22,787	7,177	229.9	1,192.7	1,388	7,863	3,319	—	152,271
1951	339.5	1,815.1	—	—	258.7	1,227.0	1,499	7,953	3,709	—	154,878
1952	358.6	1,887.3	26,098	8,318	276.1	1,266.8	1,552	8,071	3,890	—	157,553
1953	379.9	1,973.9	27,910	9,390	292.6	1,327.5	1,622	8,319	4,242	—	160,184
1954	381.1	1,960.5	30,701	10,557	295.2	1,344.0	1,629	8,276	4,167	—	163,026
1955	415.2	2,099.5	33,724	11,907	316.8	1,433.8	1,715	8,675	4,418	—	165,931
1956	438.0	2,141.1	36,711	13,220	340.0	1,502.3	1,800	8,930	4,780	—	168,903
1957	461.5	2,183.9	40,375	14,134	359.3	1,539.5	1,867	8,988	4,966	—	171,984
1958	467.9	2,162.8	44,851	15,919	370.0	1,553.7	1,899	8,922	5,087	—	174,882
1959	507.4	2,319.0	48,887	17,283	394.0	1,623.8	1,983	9,167	5,417	177,130	177,830
1960	527.4	2,376.7	51,876	18,719	412.7	1,664.8	2,026	9,210	5,620	180,760	180,671
1961	545.7	2,432.0	56,201	20,574	430.3	1,720.0	2,081	9,361	5,735	183,742	183,691
1962	586.5	2,578.9	60,206	22,216	457.9	1,803.5	2,174	9,666	5,956	186,590	186,538
1963	618.7	2,690.4	63,977	23,729	481.0	1,871.5	2,249	9,886	6,249	189,300	189,242
1964	664.4	2,846.5	69,302	26,286	515.8	2,006.9	2,412	10,456	6,569	191,927	191,889
1965	720.1	3,028.5	74,678	28,563	557.4	2,131.0	2,567	10,965	6,957	194,347	194,303
1966	789.3	3,227.5	82,843	33,287	606.4	2,244.6	2,742	11,417	7,532	196,599	196,560
1967	834.1	3,308.3	93,350	37,919	650.4	2,340.5	2,899	11,776	7,933	198,752	198,712
1968	911.5	3,466.1	102,411	41,158	714.5	2,448.2	3,119	12,196	8,632	200,745	200,706
1969	985.3	3,571.4	116,728	47,238	780.8	2,524.3	3,329	12,451	9,433	202,736	202,677
1970	1,039.7	3,578.0	131,332	52,718	841.1	2,630.0	3,591	12,823	9,867	205,089	205,052
1971	1,128.6	3,697.7	150,674	59,413	905.1	2,745.3	3,860	13,218	10,285	207,692	207,661
1972	1,240.4	3,898.4	168,550	65,814	994.3	2,874.3	4,138	13,692	11,116	209,924	209,896
1973	1,385.5	4,123.4	181,357	69,714	1,113.4	3,072.3	4,619	14,496	12,051	211,939	211,909
1974	1,501.0	4,099.0	198,959	75,833	1,225.6	3,051.9	5,013	14,268	12,902	213,898	213,854
1975	1,635.2	4,084.4	230,721	87,858	1,331.7	3,108.5	5,470	14,393	13,719	215,981	215,973
1976	1,823.9	4,311.7	256,731	97,216	1,475.4	3,243.5	5,960	14,873	14,958	218,086	218,035
1977	2,031.4	4,511.8	274,215	102,780	1,637.1	3,360.7	6,519	15,256	16,009	220,289	220,239
1978	2,295.9	4,760.6	296,984	110,758	1,848.3	3,527.5	7,253	15,845	17,640	222,629	222,585
1979	2,566.4	4,912.1	327,517	119,448	2,081.5	3,628.6	8,033	16,120	19,587	225,106	225,055
1980	2,795.6	4,900.9	369,086	133,211	2,323.9	3,658.0	8,869	16,063	21,023	227,726	227,225
1981	3,131.3	5,021.0	407,449	145,784	2,599.4	3,741.1	9,773	16,265	22,388	230,008	229,466
1982	3,259.2	4,919.3	436,733	154,282	2,768.4	3,791.7	10,364	16,328	23,433	232,218	231,664
1983	3,534.9	5,132.3	466,516	163,876	2,946.9	3,906.9	11,036	16,673	24,674	234,332	233,792
1984	3,932.7	5,505.2	505,008	176,108	3,274.8	4,207.6	12,215	17,799	26,433	236,394	235,825
1985	4,213.0	5,717.1	553,899	192,686	3,515.0	4,347.8	12,941	18,229	27,735	238,506	237,924
1986	4,452.9	5,912.4	605,623	210,819	3,712.4	4,486.6	13,555	18,641	29,458	240,682	240,133
1987	4,742.5	6,113.3	657,134	226,619	3,962.5	4,582.5	14,246	18,870	[4]30,970	242,842	242,289
1988	5,108.3	6,368.4	704,921	242,683	4,272.1	4,784.1	15,312	19,522	[4]32,191	245,061	244,499
1989	5,489.1	6,591.8	762,360	263,898	4,599.8	4,906.5	16,235	19,833	[4]34,213	247,387	246,819
1990	5,803.2	6,707.9	834,818	288,148	4,903.2	5,014.2	17,176	20,058	[4]35,353	249,981	249,464
1991	5,986.2	6,676.4	908,108	309,302	5,085.4	5,033.0	17,710	19,919	[4]35,939	252,677	252,153
1992	6,318.9	6,880.0	981,253	324,652	5,390.4	5,189.3	18,616	20,318	[4]36,573	255,403	255,030
1993	6,642.3	7,062.6	1,033,167	342,287	5,610.0	5,261.3	19,121	20,384	[4]36,959	258,107	257,783
1994	7,054.3	7,347.7	1,077,665	353,287	5,888.0	5,397.2	19,820	20,709	[4]38,782	260,616	260,327
1995	7,400.5	7,543.8	1,146,188	378,273	6,200.9	5,539.1	20,613	21,055	[4]40,611	263,073	262,803
1996	7,813.2	7,813.2	1,189,356	398,859	6,547.4	5,677.7	21,385	21,385	[4]42,300	265,504	265,229
1997	8,318.4	8,159.5	1,247,436	419,053	6,937.0	5,854.5	22,262	21,838	[4]44,568	268,087	267,784
1998	8,781.5	8,508.9	1,314,496	450,365	7,426.0	6,186.6	23,491	22,800	[4]46,737	270,560	270,248
1999	9,268.6	8,856.5	—	—	7,777.3	6,320.0	24,242	23,150	[4]48,950	272,996	272,691
2000	9,872.9	9,224.0	—	—	8,319.2	6,539.2	25,528	23,742	—	275,423	275,130

—Not available.

[1] Data for years prior to 1963 include expenditures for government fiscal years ending during that particular calendar year. Data for 1963 and later years are the aggregations of expenditures for government fiscal years which ended on June 30 of the stated year. General expenditures exclude expenditures of publicly owned utilities and liquor stores, and of insurance-trust activities. Intergovernmental payments between state and local governments are excluded. Payments to the federal government are included.

[2] Population of the United States including Armed Forces overseas; includes Alaska and Hawaii beginning 1960. Quarterly data are averages for the period.

[3] Resident population of the United States; includes Alaska and Hawaii beginning 1958. Includes revisions based on the 1990 Census.

[4] Revised methodology.

NOTE: Gross domestic product data are adjusted by the GDP chained weight price deflator. Personal income data are adjusted by the personal consumption deflator. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Money Income in the United States*, Series P–60, No. 200; and Bureau of Economic Analysis, *Survey of Current Business*, and unpublished data. (This table was prepared August 2001.)

Table 35.—Gross domestic product deflator, Consumer Price Index, education price indexes, and federal budget composite deflator: 1919 to 2001

Calendar year			School year					Federal fiscal year	
Year	Gross domestic product chain weight deflator	Consumer Price Index [1]	Year	Consumer Price Index [2]	Higher Education Price Index	Research and Development Index	Academic Library Operations Index	Year	Federal budget composite deflator
1	2	3	4	5	6	7	8	9	10
1919	—	17.3	1919–20	19.1	—	—	—	1919	—
1929	12.6	17.1	1929–30	17.1	—	—	—	1929	—
1934	9.9	13.4	1934–35	13.6	—	—	—	1934	—
1939	10.2	13.9	1939–40	14.0	—	—	—	1939	—
1940	10.3	14.0	1940–41	14.2	—	—	—	1940	0.1004
1941	11.0	14.7	1941–42	15.6	—	—	—	1941	0.1057
1942	11.9	16.3	1942–43	16.9	—	—	—	1942	0.1180
1943	12.5	17.3	1943–44	17.4	—	—	—	1943	0.1285
1944	12.8	17.6	1944–45	17.8	—	—	—	1944	0.1209
1945	13.2	18.0	1945–46	18.2	—	—	—	1945	0.1153
1946	14.7	19.5	1946–47	21.2	—	—	—	1946	0.1205
1947	16.3	22.3	1947–48	23.3	—	—	—	1947	0.1351
1948	17.3	24.1	1948–49	24.1	—	—	—	1948	0.1361
1949	17.3	23.8	1949–50	23.7	—	—	—	1949	0.1326
1950	17.4	24.1	1950–51	25.1	—	—	—	1950	0.1362
1951	18.6	26.0	1951–52	26.3	—	—	—	1951	0.1396
1952	19.0	26.5	1952–53	26.7	—	—	—	1952	0.1400
1953	19.2	26.7	1953–54	26.9	—	—	—	1953	0.1491
1954	19.5	26.9	1954–55	26.8	—	—	—	1954	0.1551
1955	19.7	26.8	1955–56	26.9	—	—	—	1955	0.1587
1956	20.4	27.2	1956–57	27.7	—	—	—	1956	0.1659
1957	21.1	28.1	1957–58	28.6	—	—	—	1957	0.1731
1958	21.6	28.9	1958–59	29.0	—	—	—	1958	0.1828
1959	21.9	29.1	1959–60	29.4	—	—	—	1959	0.1862
1960	22.2	29.6	1960–61	29.8	25.6	26.7	—	1960	0.1870
1961	22.4	29.9	1961–62	30.1	26.5	27.5	—	1961	0.1919
1962	22.7	30.2	1962–63	30.4	27.6	28.5	—	1962	0.1918
1963	23.0	30.6	1963–64	30.8	28.6	29.5	—	1963	0.1999
1964	23.3	31.0	1964–65	31.2	29.8	30.7	—	1964	0.2026
1965	23.8	31.5	1965–66	31.9	31.3	32.0	—	1965	0.2054
1966	24.5	32.4	1966–67	32.9	32.9	33.8	—	1966	0.2212
1967	25.2	33.4	1967–68	34.0	34.9	35.7	—	1967	0.2188
1968	26.3	34.8	1968–69	35.7	37.1	38.0	—	1968	0.2286
1969	27.6	36.7	1969–70	37.8	39.5	40.3	—	1969	0.2425
1970	29.1	38.8	1970–71	39.7	42.1	42.7	—	1970	0.2569
1971	30.5	40.5	1971–72	41.2	44.3	45.0	—	1971	0.2736
1972	31.8	41.8	1972–73	42.8	46.7	47.1	—	1972	0.2914
1973	33.6	44.4	1973–74	46.6	49.9	50.1	—	1973	0.3047
1974	36.6	49.3	1974–75	51.8	54.3	54.8	—	1974	0.3322
1975	40.0	53.8	1975–76	55.5	57.8	59.0	57.3	1975	0.3655
1976	42.3	56.9	1976–77	58.7	61.5	62.7	61.6	1976	0.3922
1977	45.0	60.6	1977–78	62.6	65.7	66.8	65.8	1977	0.4242
1978	48.2	65.2	1978–79	68.5	70.5	71.7	71.4	1978	0.4524
1979	52.2	72.6	1979–80	77.6	77.5	78.3	78.5	1979	0.4903
1980	57.1	82.4	1980–81	86.6	85.8	86.6	86.1	1980	0.5409
1981	62.4	90.9	1981–82	94.1	93.9	94.0	94.0	1981	0.5965
1982	66.3	96.5	1982–83	98.2	100.0	100.0	100.0	1982	0.6386
1983	68.9	99.6	1983–84	101.8	104.8	104.3	105.1	1983	0.6682
1984	71.4	103.9	1984–85	105.8	110.8	109.8	111.2	1984	0.7013
1985	73.7	107.6	1985–86	108.8	116.3	115.2	117.6	1985	0.7254
1986	75.3	109.6	1986–87	111.2	120.9	120.0	124.2	1986	0.7433
1987	77.6	113.6	1987–88	115.8	126.1	126.8	130.0	1987	0.7637
1988	80.2	118.3	1988–89	121.2	132.8	132.1	138.6	1988	0.7879
1989	83.3	124.0	1989–90	127.0	140.8	139.0	147.4	1989	0.8171
1990	86.5	130.7	1990–91	133.9	148.2	145.8	155.7	1990	0.8447
1991	89.7	136.2	1991–92	138.2	153.5	150.6	163.3	1991	0.8820
1992	91.9	140.3	1992–93	142.5	158.0	155.2	169.8	1992	0.9119
1993	94.1	144.5	1993–94	146.2	163.3	160.1	176.7	1993	0.9349
1994	96.0	148.2	1994–95	150.4	168.3	165.4	183.9	1994	0.9543
1995	98.1	152.4	1995–96	154.5	173.3	170.8	192.6	1995	0.9770
1996	100.0	156.9	1996–97	158.9	178.6	—	—	1996	1.0000
1997	102.0	160.5	1997–98	161.7	—	—	—	1997	1.0207
1998	103.2	163.0	1998–99	164.5	—	—	—	1998	1.0337
1999	104.7	166.6	1999–2000	169.3	—	—	—	1999	1.0512
2000	107.0	172.2	2000–01	175.1	—	—	—	2000	1.0779
2001	—	—	2001–02	—	—	—	—	2001	1.1062

—Not available.

[1] Index for urban wage earners and clerical workers through 1977; 1978 and later figures are for all urban consumers.

[2] Consumer Price Index adjusted to a school-year basis (July through June).

NOTE: Some data have been revised from previously published figures.

SOURCE: Council of Economic Advisers, *Economic Indicators*, August 2001; U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index; Research Associates of Washington, "Inflation Measures for Schools and Colleges, 1990 Update," and unpublished data; and U.S. Office of Management and Budget, *Budget of the U.S. Government, Fiscal Year 2002*. (This table was prepared August 2001.)

CHAPTER 2

Elementary and Secondary Education

This chapter contains a variety of statistics on public and private elementary and secondary education. Data are presented for enrollments, teachers, schools, student performance, graduates, and expenditures. These data are derived from surveys conducted by the National Center for Education Statistics (NCES) and other public and private organizations. The variety of information ranges from counts of students and schools to opinions of teachers and students concerning the state of education today. New data on charter schools will appear in the 2002 edition of *Digest of Education Statistics*.

Enrollments

Public elementary and secondary school enrollments increased by 6 percent from 1994 to 1999, but when examined separately, enrollment at the elementary and secondary levels exhibited different patterns. Between 1994 and 1999, public elementary enrollment rose by 5 percent, while secondary enrollment increased by 9 percent (table 40).

Preprimary education (nursery and kindergarten schools) enrollment has grown substantially. Preprimary enrollment of 3- to 5-year-olds rose by 14 percent between 1990 and 2000. An important feature of the increasing participation of young children in preprimary schools is the increasing proportion in full-day programs. In 2000, about 53 percent of the children attended preprimary school all day compared with 39 percent in 1990 (table 43).

Slowly increasing numbers and proportions of children are being served in programs for the disabled. During the 1990–91 school year, 11 percent of students were served in these programs compared with 13 percent in 1999–2000. Some of the rise since 1990–91 may be attributed to the increasing proportion of children identified as learning disabled, which rose from 5 percent of enrollment to 6 percent of enrollment in 1999–2000 (table 52).

Teachers and Other School Staff

During the 1970s and early 1980s, public school enrollment decreased, while the number of teachers rose. As a result, the public school pupil/teacher ratio declined from 22.3 in 1970 to 17.9 in 1985. After 1985, the number of pupils per teacher continued downward, reaching 17.2 in 1990. The pupil/teacher ratio was stable during the early 1990s, but began to decline again during the mid 1990s. By 2000, the pupil/teacher ratio had decreased to an estimated 16.0 (table 65). The pupil/teacher ratio includes teachers for disabled students and other special teachers, who generally are excluded from class size calculations. The average size for public elementary classes in 1993–94 was 24.1 pupils compared to the pupil/teacher ratio for teachers in elementary schools at 18.2 (tables 64 and 69).

In 1993–94, 73 percent of public school teachers were women, 33 percent were under 40, and 47 percent had a master's degree or above. By comparison, about 75 percent of the 378,000 full-time and part-time private school teachers were women. About 42 percent of the private school teachers were under age 40, and 34 percent had a master's or higher degree (table 68). New data from the Schools and Staffing Survey for 1999–2000 will be available through the NCES Web Site during the first half of 2002.

Public school principals tended to be older and have more advanced credentials than teachers. Also, they were more likely to be male. About 7 percent of the public school principals were under age 40 and 99 percent had a master's degree or above. About 35 percent of the principals were women (table 87).

The average salary for public school teachers grew slowly during the 1990s, reaching $42,898 in 2000–01. After adjustment for inflation, teachers' salaries declined 1 percent between 1990–91 and 2000–01 (table 77).

The number of nonteaching staff employed by public schools grew at a faster rate than the number of pupils and teachers in the 1970s. Between 1970 and 1980, the proportion of total staff who were teachers declined from 60 percent to 52 percent (table 80). From 1980 through 1999, the number of teachers grew at about the same rate as other public school staff. In 1999, there were 8.3 pupils per staff member (total staff) compared with 9.8 pupils per staff member in 1980. In 1993, the number of pupils per staff member at private schools was 9.3 (table 60).

Schools

Over the past several decades, the trend to consolidate small schools has brought a large decline in the total number of public schools in the United States. In 1930, there were more than 247,000 public schools, compared with around 92,000 today. But this number has grown in recent years, with an increase of 7,550 schools between 1990–91 and 1999–2000 (table 89).

The shift in structure of public school systems toward middle schools (grades 4, 5, or 6 to 6, 7, or 8) is continuing. The number of elementary schools rose by 9 percent to approximately 64,000 between 1990–91 and 1999–2000, but middle schools rose by 35 percent. Meanwhile, the number of junior high schools (grades 7 to 8 and 7 to 9) declined by 22 percent (table 95).

Elementary enrollment has risen faster than the number of schools, with the average elementary school size increasing as a result. Elementary schools grew from an average of 449 students in 1990–91 to 477 in 1999–2000 (table 97). During the same time period, the average secondary school size rose from 663 to 706. The rising numbers of alternative schools, which tend to be small, have mitigated the increase in the average size of secondary schools. The average size of regular secondary schools, which exclude alternative schools, special education, and vocational education schools, rose from 684 to 785 between 1990–91 and 1999–2000. Schools tend to be smaller in predominantly rural states, such as South Dakota, Montana, and Nebraska, and larger in states with large urban populations, such as Florida, California, and Hawaii (tables 100 and 101).

Completions and Achievement

The dropout rate among 16- to 24-year-olds (which counts General Education Development recipients as graduates) suggests some decreases over the past twenty years. This dropout rate includes all persons in the 16- to 24-year-old age group regardless of when they dropped out. Between 1980 and 2000, the dropout rate declined from 14.1 percent to 10.9 percent (table 108). The dropout rate statistic is based on the civilian noninstitutionalized population, which excludes persons in prisons and persons not living in households.

Most of the student performance data in the *Digest* are drawn from the National Assessment of Educational Progress (NAEP). The NAEP assessments have been conducted using three basic designs. The main NAEP reports current information for the nation and specific geographic regions of the country. It includes students drawn from both public and nonpublic schools and reports results for student achievement at grades 4, 8, and 12. The main NAEP assessments follow the frameworks developed by the National Assessment Governing Board, and uses the latest advances i assessment methodology.

Since 1990, the NAEP assessments have also been conducted on the state level. States that choose to participate receive assessment results that report on the performance of students in that state. In its content, the state assessment is identical to the assessment conducted nationally. However, because the national NAEP samples were not, and are not currently designed to support the reporting of accurate and representative state-level results, separate representative samples of students are selected for each participating jurisdiction/state.

NAEP long-term trend assessments are designed to give information on the changes in the basic achievement of America's youth since the early 1970s. They are administered nationally and report student performance at ages 9, 13, and 17 and in grades 4, 8, and 11 in writing. Measuring trends of student achievement or change over time requires the precise replication of past procedures. Therefore, the long-term trend instrument does not evolve based on changes in curricula or in educational practices.

Long-term trend data on student achievement has improved in a number of areas. An overall increase was seen in reading proficiency scores for 9- and 13-year-olds from 1971, with 17-year-olds scoring about the same in 1999 as in 1971. After significant gains during the 1970s, 9-year-old reading proficiency remained stable, with the 1999 score about the same as 1980. Significant gaps in performance continue to exist between racial/ethnic subgroups and between male and female students. Gender gaps favoring female students in reading at ages 13 and 17 were essentially the same in 1999 as in 1971. The gender gap favoring female 9-year-olds was smaller in 1999 than in 1971 (table 112).

The results of assessments in average writing achievement from 1984 to 1996 reveal a shift at grades 4 and 8. After declining between 1984 and 1990, average performance at grade 8 increased, and by 1996 had again returned to the earlier level. Also, at grade 4 there was an increase in performance between 1990 and 1996, countering downward fluctuations in the 1980s, so that performance was essentially unchanged between 1984 and 1996. Overall grade 11 writing performance declined between 1984 and 1996. Females outperformed males at the 4th-, 8th-, and 11th-grade levels (table 119).

Results from national assessments of mathematics achievement indicate a significant improvement at ages 9, 13, and 17 between 1973 and 1999. For 9-year-olds, a period of stable performance during the 1970s was followed by an 11-point increase in average scores from 1982 to 1990. For 13-year-olds, an increase in average scores between 1978 and 1982 was followed by additional increases during the 1990s. The average score of 17-year-olds declined between 1973 and 1982. After increasing between 1982 and 1992, scores have remained stable, but the 1999 average mathematics score was higher than 1973. The difference between males' and females' average mathematics scores in 1999 was not statistically significant at any age (table 124).

Average science scores of 9-year-olds declined between 1970 and 1973, then remained stable through 1982. Average scores rose 10 points between 1982 and 1992, but have been stable since then. Science scores for 13-year-olds declined by 8 points from 1970 to 1977. Scores increased by 11 points between 1977 and 1992, but decreased slightly between 1992 and 1999. Science scores for 13-year-olds in 1999 were about the same as in 1970. Science scores for 17-year-olds fell by 22 points between 1969 and 1982, and then increased between 1982 and 1992. On average, 17-year-olds in 1999 had higher science scores than their counterparts in 1990. However, the average science scores of 17-year-olds in 1999 remain 10 points lower than 1969. Gender gaps favoring 17-year-old males in science narrowed so that the gaps in the 1990s were smaller than those in the 1970s and early 1980s. The difference in the performance of male and female 13-year-olds favored males in 1999. There was no significant difference in the performance of male and female 9-year-olds (table 130).

The Scholastic Assessment Test (SAT, formerly known as the Scholastic Aptitude Test) was not designed as an indicator of student achievement, but rather to help predict how well students will do in college. Between 1990–91 and 2000–01, mathematics SAT scores increased by 14 points, while verbal scores rose by 7 points (table 135).

Over the past 12 years, the average number of science and mathematics courses completed by public high school graduates increased substantially. The mean number of mathematics courses (Carnegie units) completed in high school rose from 2.6 in 1982 to 3.4 in 1998, and the number of science courses rose from 2.2 to 3.1. The average number of courses in vocational areas completed by all high school graduates dropped gradually, from 4.6 units in 1982 to 4.0 units in 1998. As a result of the increased academic course load, the proportion of students completing the recommendations of the 1983 National Commission on Excellence (4 units of English, 3 units of social studies, 3 units of science, 3 units of mathematics, 2 units of foreign language, and .5 units of computer science) rose from 2 percent in 1982 to 29 percent in 1998 (tables 140 and 143).

School Violence

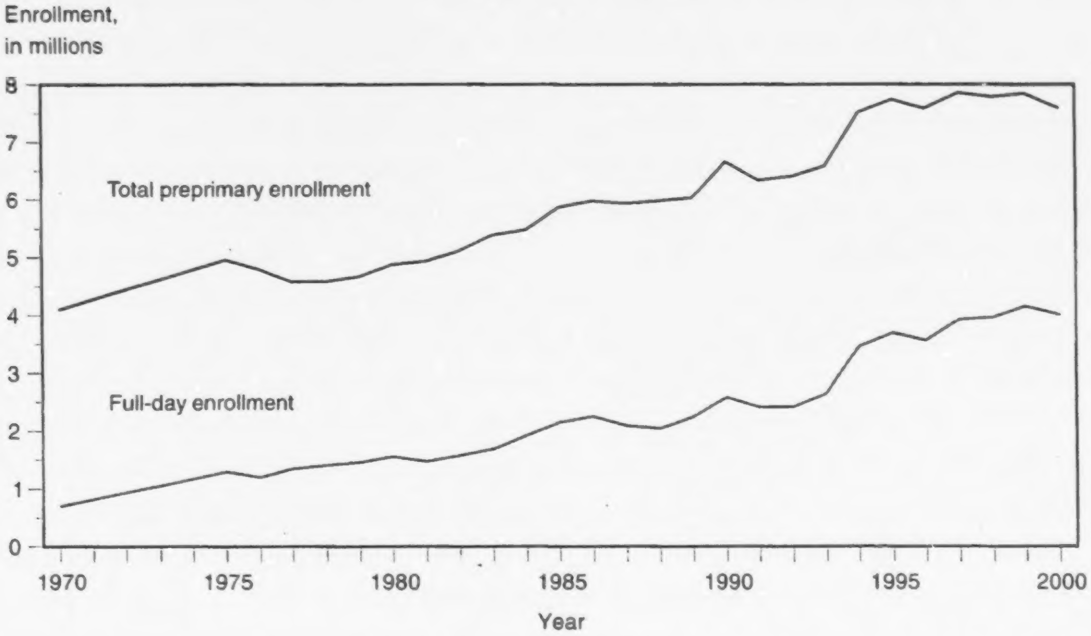
About 57 percent of public schools reported a criminal incident to police in 1996–97, including a serious violent crime or a less serious crime such as a fight without weapons, theft, or vandalism. Ten percent of schools reported a serious violent crime to police and 47 percent reported only a less serious or nonviolent crime (table 150).

Revenues and Expenditures

The state share of revenues for public elementary and secondary schools grew steadily for many decades, but this trend stopped in the late 1980s. Since then, the balance of revenues from state and local governments has fluctuated. Between 1988–89 and 1993–94, the state share fell from 47.8 to 45.2 percent while the local share rose. Between 1993–94 and 1998–99, the state share rose to 48.7 percent while the local share decreased. The federal share was 7.1 percent in 1998–99 (table 157).

The expenditure per student in public schools rose during the late 1980s, and again in the late 1990s after remaining stable during the first part of the 1990s. Between 1985–86 and 1990–91, current expenditures per student in fall enrollment grew 14 percent, after adjustment for inflation. From 1990–91 to 1995–96, expenditures per student increased by less than 1 percent. Between 1995–96 and 2000–01 expenditure per student in fall enrollment rose 10 percent to $7,079 (table 167).

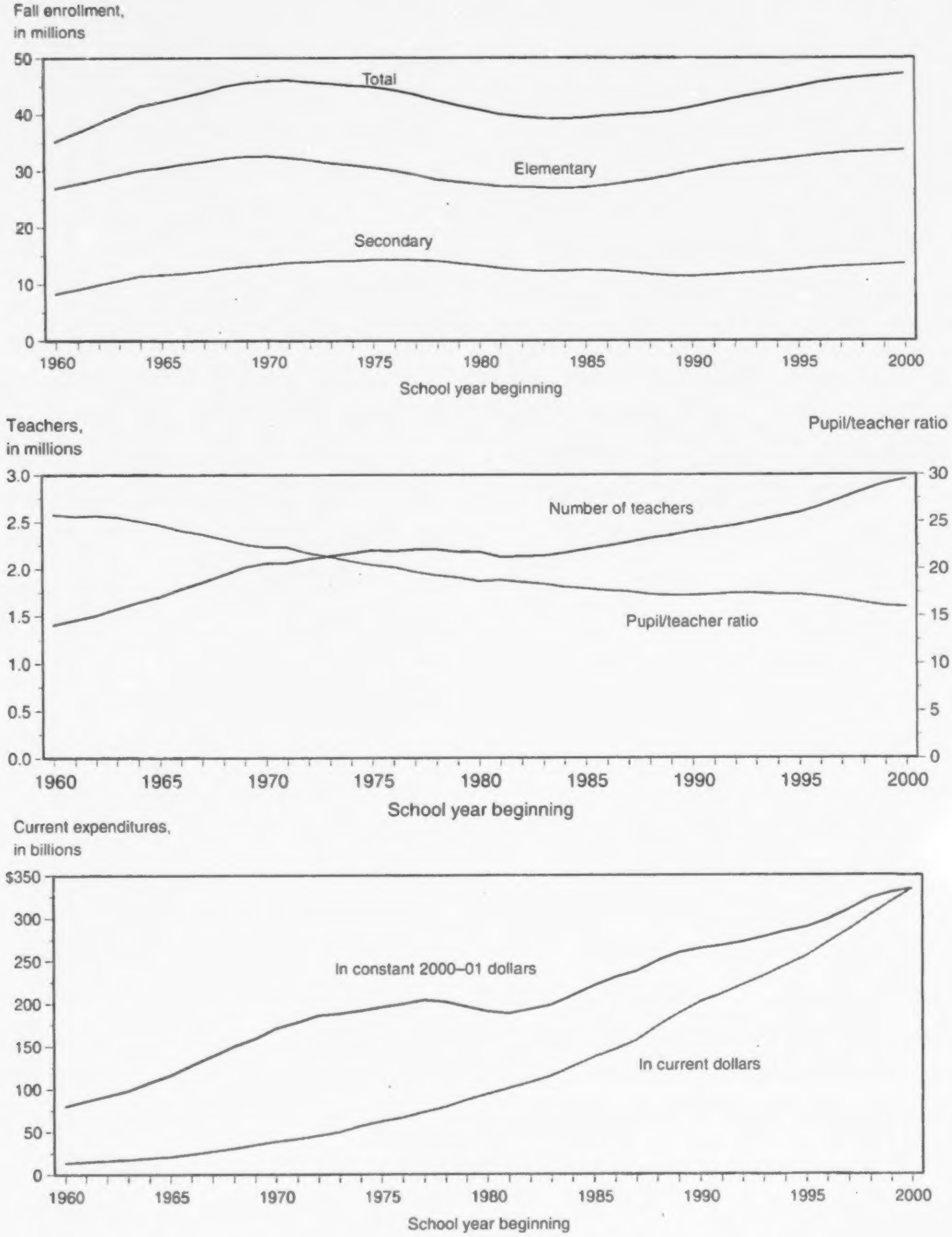
Figure 7.–Preprimary enrollment of 3- to 5-year-olds, by attendance status: October 1970 to October 2000



NOTE: Data for 1994 and later years were collected using new procedures and may not be comparable with figures for earlier years.

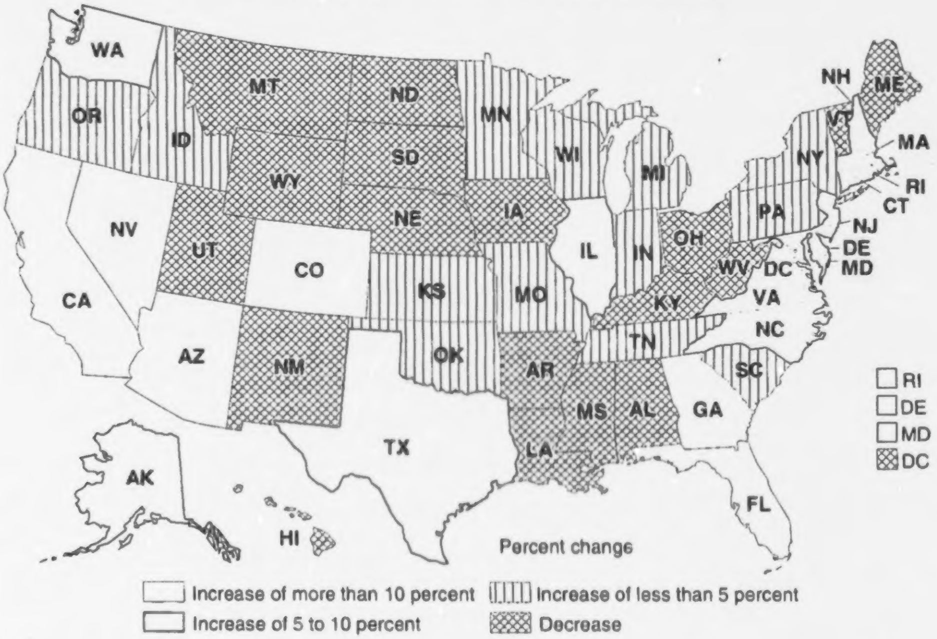
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Preprimary Enrollment*, various years; and U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data.

Figure 8.–Enrollment, number of teachers, pupil/teacher ratios, and expenditures in public schools: 1960–61 to 2000–01



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Statistics of Public Elementary and Secondary School Systems; Revenues and Expenditures for Public Elementary and Secondary Education;* and Common Core of Data surveys.

Figure 9.–Percentage change in public elementary and secondary enrollment, by state: Fall 1995 to fall 2000


WA
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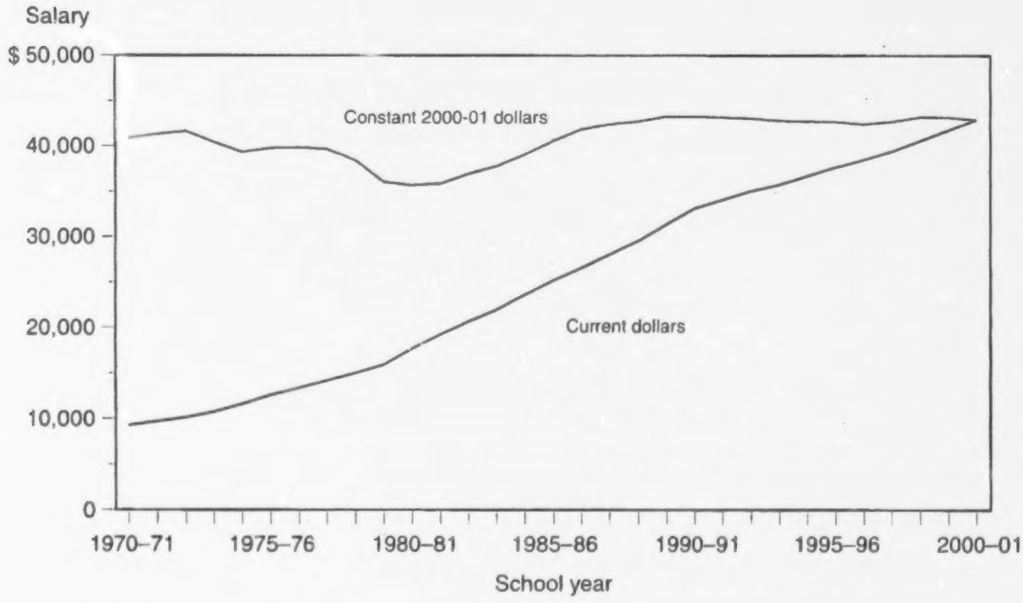
PA
NY
VT
NH
ME
MA
RI
CT
NJ
DE
MD
AK
HI
☐ RI
☐ DE
☐ MD
▨ DC
Percent change
☐ Increase of more than 10 percent
☐ Increase of 5 to 10 percent
▥ Increase of less than 5 percent
▨ Decrease

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys.

Figure 10.–Average annual salary for public elementary and secondary school teachers: 1970–71 to 2000–01



SOURCE: National Education Association, *Estimates of School Statistics*, latest edition 2000–01. Copyright 2001 by the National Education Association. (All rights reserved.)

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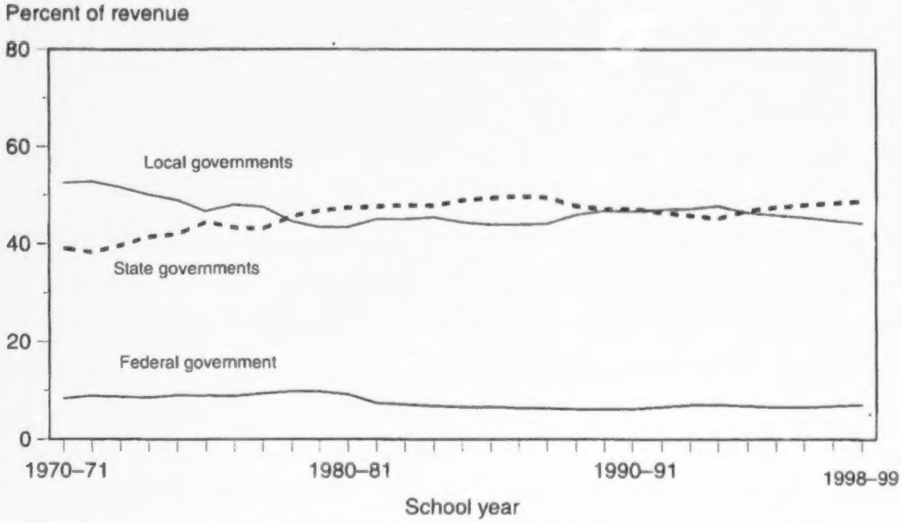
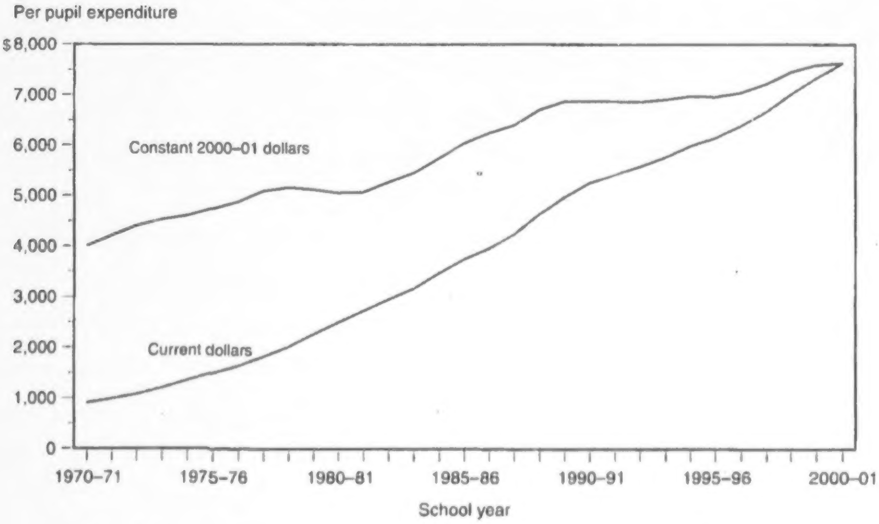
Figure 11.–Sources of revenue for public elementary and secondary schools: 1970–71 to 1998–99



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education;* and Common Core of Data surveys.

Figure 12.–Current expenditure per pupil in average daily attendance in public elementary and secondary schools: 1970–71 to 2000–01



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education;* and Common Core of Data surveys.

Table 36.—Historical summary of public elementary and secondary school statistics: 1869–70 to 1998–99

Item	1869–70	1879–80	1889–90	1899–1900	1909–10	1919–20	1929–30	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1990–91	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Population, pupils, and instructional staff																
Total population,[1] in thousands	38,558	50,156	62,622	75,995	90,490	104,514	121,878	131,028	149,188	177,830	201,385	224,567	246,819	249,464	267,784	270,248
Population aged 5–17 years,[1] in thousands	11,683	15,066	18,473	21,573	24,011	27,571	31,414	30,151	30,223	43,881	52,386	48,041	44,947	45,325	50,505	50,915
Percent of total population 5–17	30.3	30.0	29.5	28.4	26.5	26.4	25.8	23.0	20.3	24.7	26.0	21.4	18.2	18.2	18.9	18.8
Total enrollment in elementary and secondary schools, in thousands[2]	[3]7,562	9,867	12,723	15,503	17,814	21,578	25,678	25,434	25,112	36,087	45,550	41,651	40,543	41,217	46,127	46,539
Kindergarten and grades 1–8, in thousands	[3]7,481	9,757	12,520	14,984	16,899	19,378	21,279	18,833	19,387	27,602	32,513	28,034	29,152	29,878	33,073	33,346
Grades 9–12, in thousands	[3]80	110	203	519	915	2,200	4,399	6,601	5,725	8,485	13,037	13,616	11,390	11,338	13,054	13,193
Enrollment as a percent of total population	[3]19.6	19.7	20.3	20.4	19.7	20.6	21.1	19.4	16.8	20.3	22.6	18.5	16.4	16.5	17.2	17.2
Enrollment as a percent of 5- to 17-year-olds	[3]64.7	65.5	68.9	71.9	74.2	78.3	81.7	84.4	83.1	82.2	87.0	86.7	90.2	90.9	91.3	91.4
Percent of total enrollment in high schools (grades 9–12 and postgraduate)	[3]1.1	1.1	1.6	3.3	5.1	10.2	17.1	26.0	22.8	23.5	28.6	32.7	28.1	27.5	28.3	28.3
High school graduates, in thousands	—	—	22	62	111	231	592	1,143	1,063	1,627	2,589	2,748	2,320	2,235	2,439	2,489
Average daily attendance, in thousands	4,077	6,144	8,154	10,633	12,827	16,150	21,265	22,042	22,284	32,477	41,934	38,289	37,799	38,427	42,766	43,187
Total number of days attended by pupils enrolled, in millions	539	801	1,098	1,535	2,011	2,615	3,673	3,858	3,964	5,782	7,501	[4]6,835	—	—	—	—
Percent of enrolled pupils attending daily	59.3	62.3	64.1	68.6	72.1	74.8	82.8	86.7	88.7	90.0	90.4	[4]90.1	—	—	—	—
Average length of school term, in days	132.2	130.3	134.7	144.3	157.5	161.9	172.7	175.0	177.9	178.0	178.9	[4]178.5	—	179.8	—	—
Average number of days attended per pupil	78.4	81.1	86.3	99.0	113	121.2	143	151.7	157.9	160.2	161.7	[4]160.8	—	—	—	—
Total instructional staff, in thousands	—	—	—	—	—	678	880	912	963	1,457	2,286	2,406	2,986	3,051	3,573	3,694
Supervisors, in thousands	—	—	—	—	—	7	7	5	—	—	—	—	—	—	—	—
Principals, in thousands	—	—	—	—	—	14	31	32	43	64	91	106	126	127	126	129
Teachers, librarians, and other nonsupervisory instructional staff,[5] in thousands	201	287	364	423	523	657	843	875	920	1,393	2,195	2,300	2,860	2,924	3,447	3,564
Men, in thousands	78	123	126	127	110	93	140	195	196	[4]404	[4]711	[4]782	—	—	—	—
Women, in thousands	123	164	238	296	413	585	703	681	724	[4]989	[4]1,484	[4]1,518	—	—	—	—
Percent men	38.7	42.8	34.5	29.9	21.1	14.1	16.6	22.2	21.3	[4]29.0	[4]32.4	[4]34.0	—	—	—	—
	Amounts in millions of current dollars															
Revenues and expenditures																
Total revenue receipts	—	—	$143	$220	$433	$970	$2,089	$2,261	$5,437	$14,747	$40,267	$96,881	$208,548	$223,341	$325,926	$347,330
Federal government	—	—	—	—	—	2	7	40	156	652	3,220	9,504	12,701	13,776	22,202	24,522
State governments	—	—	—	—	—	160	354	684	2,166	5,768	16,063	45,349	98,239	105,325	157,645	169,298
Local sources, including intermediate	—	—	—	—	—	808	1,728	1,536	3,116	8,327	20,985	42,029	97,608	104,240	146,078	153,510
Percent distribution of revenue receipts																
Federal government	—	—	—	—	—	0.3	0.4	1.8	2.9	4.4	6.0	9.8	6.1	6.2	6.8	7.1
State governments	—	—	—	—	—	16.5	16.9	30.3	39.8	39.1	39.9	46.8	47.1	47.2	48.4	48.7
Local sources, including intermediate	—	—	—	—	—	83.2	82.7	68.0	57.3	56.5	52.1	43.4	46.8	46.7	44.8	44.2
Total expenditures for public schools	$63	$78	$141	$215	$426	$1,036	$2,317	$2,344	$5,838	$15,613	$40,683	$95,962	$212,770	$229,430	$334,315	$355,859
Current expenditures[6]	—	—	114	180	356	861	1,844	1,942	4,687	[7]12,329	[7]34,218	[7]86,984	[7]188,229	[7]202,038	[7]285,485	[7]302,874
Capital outlay[8]	—	—	26	35	70	154	371	258	1,014	2,662	4,659	6,506	17,781	19,771	36,168	39,527
Interest on school debt	—	—	—	—	—	18	93	131	101	490	1,171	1,874	3,776	4,325	7,777	8,196
Other current expenditures[9]	—	—	—	—	—	3	10	13	36	133	636	[10]598	2,983	3,296	4,884	5,263
Percent distribution of total expenditures																
Current expenditures[6]	—	—	81.3	83.5	83.6	83.1	79.6	82.8	80.3	[7]79.0	[7]84.1	[7]90.6	[7]88.5	[7]88.1	[7]85.4	[7]85.1
Capital outlay[8]	—	—	18.7	16.5	16.4	14.8	16.0	11.0	17.4	17.0	11.5	6.8	8.4	8.6	10.8	11.1
Interest on school debt	—	—	—	—	—	1.8	4.0	5.6	1.7	3.1	2.9	2.0	1.8	1.9	2.3	2.3
Other current expenditures[9]	—	—	—	—	—	0.3	0.4	0.6	0.6	0.8	1.6	[10]0.6	1.4	1.4	1.5	1.5

Table 36.—Historical summary of public elementary and secondary school statistics: 1869–70 to 1998–99—Continued

Item	1869–70	1879–80	1889–90	1899–1900	1909–10	1919–20	1929–30	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1990–91	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Amounts in current dollars															
Annual salary of instructional staff[11]	$189	$195	$252	$325	$485	$871	$1,420	$1,441	$3,010	$5,174	$9,047	[12]$16,715	[12]$32,638	[12]$34,401	[12]$41,243	[12]$42,488
Personal income per member of labor force[1]	—	—	—	—	—	—	1,734	1,324	3,397	5,763	9,671	19,831	37,134	38,964	50,896	53,939
Total school expenditures per capita of total population	1.59	1.56	2.23	2.83	4.71	9.91	19.01	17.89	39	88	202	427	862	920	1,248	1,317
National income[1] per capita	—	—	—	—	—	—	712	556	1,453	2,314	3,986	9,243	17,795	18,608	24,715	26,055
Current expenditure[6,13] per pupil in A.D.A.[14]	—	—	13.99	16.67	27.85	53.32	86.70	88.09	210	375	816	2,272	4,980	5,258	6,676	7,013
Total expenditure[15] per pupil in A.D.A.	15.55	12.71	17.23	20.21	33.23	64.16	108.49	105.74	260	471	955	2,491	5,550	5,885	7,703	8,118
National income per pupil in A.D.A.	—	—	—	—	—	—	4,082	3,307	9,724	12,671	19,142	54,209	116,195	120,805	154,759	163,044
Current expenditure per day[16] per pupil in A.D.A.[6]	—	—	0.10	0.12	0.18	0.33	0.50	0.50	1.17	2.11	4.56	12.73	—	—	—	—
Total expenditure per day per pupil in A.D.A.	0.12	0.10	0.13	0.14	0.21	0.40	0.63	0.60	1.46	2.65	5.34	13.95	—	—	—	—
	Amounts in constant 1998–99 dollars															
Annual salary of instructional staff[11]	—	—	—	—	—	$7,520	$13,650	$16,966	$20,913	$28,974	$39,407	[12]$35,427	[12]$42,294	[12]$42,268	[12]$41,957	[12]$42,488
Personal income per member of labor force[1]	—	—	—	—	—	—	16,673	15,584	23,603	32,271	42,127	42,031	48,121	47,874	51,777	53,939
Total school expenditures per capita of total population	—	—	—	—	—	86	183	211	272	492	880	906	1,117	1,130	1,270	1,317
National income[1] per capita	—	—	—	—	—	—	6,846	6,551	10,092	12,958	17,362	19,590	23,060	22,864	25,143	26,055
Current expenditure[6,13] per pupil in A.D.A.[14]	—	—	—	—	—	460	833	1,037	1,459	2,101	3,554	4,815	6,453	6,460	6,791	7,013
Total expenditure[15] per pupil in A.D.A.	—	—	—	—	—	554	1,043	1,245	1,809	2,638	4,160	5,280	7,192	7,231	7,836	8,118
National income per pupil in A.D.A.	—	—	—	—	—	—	39,238	38,940	67,563	70,954	83,379	114,895	150,573	148,431	157,438	163,044
Current expenditure per day[16] per pupil in A.D.A.[6]	—	—	—	—	—	2.85	4.8	5.9	8.1	11.8	19.9	27.0	—	—	—	—
Total expenditure per day per pupil in A.D.A.	—	—	—	—	—	3.45	6.1	7.1	10.1	14.8	23.3	29.6	—	—	—	—

—Not available.

[1] Data on population and labor force are from the Bureau of the Census, and data on personal income and national income are from the Bureau of Economic Analysis, U.S. Department of Commerce. Population data through 1900 are based on total population from the decennial census. From 1909–10 to 1959–60, population data are total population, including armed forces overseas, as of July 1. Data for later years are for resident population that excludes armed forces overseas.

[2] Data for 1869–70 through 1959–60 are school year enrollment. Data for later years are fall enrollment.

[3] Data for 1870–71.

[4] Estimated by the National Center for Education Statistics.

[5] Prior to 1919–20, data are for the number of different persons employed rather than number of positions.

[6] Prior to 1919–20, includes interest on school debt.

[7] Because of the modification of the scope of "current expenditures for elementary and secondary schools," data for 1959–60 and later years are not entirely comparable with prior years.

[8] Beginning in 1969–70, includes capital outlay by state and local school building authorities.

[9] Includes summer schools, community colleges, and adult education. Beginning in 1959–60, also includes community services, formerly classified with "current expenditures for elementary and secondary schools."

[10] Excludes community colleges and adult education.

[11] Average includes supervisors, principals, teachers, and other nonsupervisory instructional staff.

[12] Estimated by the National Education Association.

[13] Excludes current expenditures not allocable to pupil costs.

[14] "ADA" means average daily attendance in elementary and secondary schools.

[15] Expenditure figure is the sum of current expenditures allocable to pupil costs, capital outlay, and interest on school debt.

[16] Per-day rates derived by dividing annual rates by average length of term.

NOTE: Kindergarten enrollment includes a relatively small number of nursery school pupils. Some data have been revised from previously published figures. Beginning in 1959–60, data include Alaska and Hawaii. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Statistics of Public Elementary and Secondary School Systems; Revenues and Expenditures for Public Elementary and Secondary Education, FY 1980;* Common Core of Data surveys; and Council of Economic Advisers, *Economic Report of the President.* (This table was prepared November 2001.)

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Table 37.—Enrollment in public elementary and secondary schools, by level and state: Fall 1986 to fall 2000

State or other area	Fall 1986	Fall 1987	Fall 1988	Fall 1989	Fall 1990	Fall 1991	Fall 1992	Fall 1993	Fall 1994	Fall 1995	Fall 1996
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
1	2	3	4	5	6	7	8	9	10	11	12
United States	**39,753,172**	**40,008,213**	**40,188,690**	**40,542,707**	**41,216,683**	**42,046,878**	**42,823,312**	**43,464,916**	**44,111,482**	**44,840,481**	**45,611,046**
Alabama	733,735	729,234	724,751	723,743	721,806	722,004	731,634	734,288	736,531	746,149	747,932
Alaska	107,848	106,869	106,481	109,280	113,903	118,680	122,487	125,948	127,057	127,618	129,919
Arizona	534,538	572,421	574,890	607,615	639,853	656,980	673,477	709,453	737,424	743,566	799,250
Arkansas	437,438	437,036	436,387	434,960	436,286	438,518	441,490	444,271	447,565	453,257	457,349
California	4,377,989	4,488,398	4,618,120	4,771,978	4,950,474	5,107,145	5,254,844	5,327,231	5,407,475	5,536,406	5,686,198
Colorado	558,415	560,236	560,081	562,755	574,213	593,030	612,635	625,062	640,521	656,279	673,438
Connecticut[6]	468,847	465,465	460,637	461,560	469,123	481,050	488,476	496,298	506,824	517,935	527,129
Delaware	94,410	95,659	96,678	97,808	99,658	102,196	104,321	105,547	106,813	108,461	110,549
District of Columbia	85,612	86,435	84,792	81,301	80,694	80,618	80,937	80,678	80,450	79,802	78,648
Florida	1,607,320	1,664,774	1,720,930	1,789,925	1,861,592	1,932,131	1,981,407	2,040,763	2,111,188	2,176,222	2,242,212
Georgia	1,096,425	1,110,947	1,107,994	1,126,535	1,151,687	1,177,569	1,207,186	1,235,304	1,270,948	1,311,126	1,346,761
Hawaii	164,640	166,160	167,488	169,493	171,708	174,747	177,448	180,410	183,795	187,180	187,653
Idaho	208,391	212,444	214,615	214,932	220,840	225,680	231,668	236,774	240,448	243,097	245,252
Illinois	1,825,185	1,811,446	1,794,916	1,797,355	1,821,407	1,848,166	1,873,567	1,893,078	1,916,172	1,943,623	1,973,040
Indiana	966,780	964,129	960,994	954,165	954,525	956,988	960,630	965,633	969,022	977,263	982,876
Iowa	481,286	480,826	478,200	478,486	483,652	491,363	494,839	498,519	500,440	502,343	502,941
Kansas	416,091	421,112	426,596	430,864	437,034	445,390	451,536	457,614	460,838	463,008	466,293
Kentucky	642,778	642,696	637,627	630,688	636,401	646,024	655,041	655,265	657,642	659,821	656,089
Louisiana	795,188	793,093	786,683	783,025	784,757	794,128	797,985	800,560	797,933	797,366	793,296
Maine	211,752	211,817	212,902	213,775	215,149	216,400	216,453	216,995	212,601	213,569	213,593
Maryland	675,747	683,797	688,947	698,806	715,176	736,238	751,850	772,638	790,938	805,544	818,583
Massachusetts	833,918	825,320	823,428	825,588	834,314	846,155	859,948	877,726	893,727	915,007	933,898
Michigan	1,597,154	1,589,287	1,582,785	1,576,785	1,584,431	1,593,561	1,603,610	1,599,377	1,614,784	1,641,456	1,685,714
Minnesota	711,134	721,481	726,950	739,553	756,374	773,571	793,724	810,233	821,693	835,166	847,204
Mississippi	498,639	505,550	503,326	502,020	502,417	504,127	506,668	505,907	505,962	506,272	503,967
Missouri	800,606	802,060	806,639	807,934	816,558	842,965	859,357	866,378	878,541	889,881	900,517
Montana	153,327	152,207	152,191	151,265	152,974	155,779	160,011	163,009	164,341	165,547	164,627
Nebraska	267,139	268,100	269,434	270,920	274,081	279,552	282,414	285,097	287,100	289,744	291,967
Nevada	161,239	168,353	176,474	186,834	201,316	211,810	222,974	235,800	250,747	265,041	282,131
New Hampshire	163,717	166,045	169,413	171,696	172,785	177,138	181,247	185,360	189,319	194,171	198,308
New Jersey	1,107,467	1,092,982	1,080,871	1,076,005	1,089,646	1,109,796	1,130,560	1,151,307	1,174,206	1,197,381	1,227,832
New Mexico	281,943	287,229	292,425	296,057	301,881	308,667	315,668	322,292	327,248	329,640	332,632
New York	2,607,719	2,594,070	2,573,715	2,565,841	2,598,337	2,643,993	2,689,686	2,733,813	2,766,208	2,813,230	2,843,131
North Carolina	1,085,248	1,085,976	1,083,156	1,080,744	1,086,871	1,097,598	1,114,083	1,133,231	1,156,767	1,183,090	1,210,108
North Dakota	118,703	119,004	118,809	117,816	117,825	118,376	118,734	119,127	119,288	119,100	120,123
Ohio	1,793,508	1,793,431	1,778,544	1,764,410	1,771,089	1,783,767	1,795,199	1,807,319	1,814,290	1,836,015	1,844,698
Oklahoma	593,183	584,212	580,426	578,580	579,087	588,263	597,096	604,076	609,718	616,393	620,695
Oregon	449,307	455,895	461,752	472,394	472,394	498,614	510,122	516,611	521,945	527,9[illegible]4	537,854
Pennsylvania	1,674,161	1,668,542	1,659,714	1,655,279	1,667,834	1,692,797	1,717,613	1,744,082	1,764,946	1,787,533	1,804,256
Rhode Island	134,690	134,800	133,585	135,729	138,813	142,144	143,798	145,676	147,487	149,799	151,324
South Carolina	611,629	614,921	615,774	616,177	622,112	627,470	640,464	643,696	648,725	645,586	652,816
South Dakota	125,458	126,817	126,910	127,329	129,164	131,576	134,573	142,825	143,482	144,685	143,331
Tennessee	818,073	823,783	821,580	819,660	824,595	833,651	855,231	866,557	881,425	893,770	904,818
Texas	3,209,515	3,236,787	3,283,707	3,328,514	3,382,887	3,464,371	3,541,769	3,608,262	3,677,171	3,748,167	3,828,975
Utah	415,994	423,386	431,119	438,554	446,652	456,430	463,870	471,365	474,675	477,121	481,812
Vermont	92,112	92,755	93,381	94,779	95,762	97,137	98,558	102,755	104,533	105,565	106,341
Virginia	975,135	979,417	982,393	985,346	998,601	1,016,204	1,031,925	1,045,471	1,060,809	1,079,854	1,096,093
Washington	761,428	775,755	790,918	810,232	839,709	869,327	896,475	915,952	938,314	956,572	974,504
West Virginia	351,837	344,236	335,912	327,540	322,389	320,249	318,296	314,383	310,511	307,112	304,052
Wisconsin	767,819	772,363	774,857	782,905	797,621	814,671	829,415	844,001	860,581	870,175	879,259
Wyoming	100,955	98,455	97,793	97,172	98,226	102,074	100,313	100,899	100,314	99,859	99,058
Bureau of Indian Affairs	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools[7]	—	—	—	—	—	—	—	—	—	—	80,715
Outlying areas											
American Samoa	11,055	11,248	11,764	12,258	12,463	13,365	13,994	14,484	14,445	14,576	14,766
Guam	25,676	25,936	26,041	26,493	26,391	28,334	30,077	30,920	32,185	32,960	33,393
Northern Marianas	—	5,819	6,079	6,101	6,449	7,096	8,086	8,188	8,429	8,809	9,041
Puerto Rico	679,489	672,837	661,693	651,225	644,734	642,392	637,034	631,460	621,121	627,620	618,861
Virgin Islands	24,435	24,020	23,492	21,193	21,750	22,346	22,887	22,752	23,126	22,737	22,385

Table 37.—Enrollment in public elementary and secondary schools, by level and state: Fall 1986 to fall 2000—Continued

State or other area	Fall 1997			Fall 1998			Fall 1999			Estimated fall 2000[1]
	Total	Kindergarten through grade 8[2]	Grades 9 to 12	Total	Kindergarten through grade 8[2]	Grades 9 to 12	Total	Kindergarten through grade 8[2]	Grades 9 to 12	Total
1	13	14	15	16	17	18	19	20	21	22
United States	**46,126,897**	**33,073,110**	**13,053,787**	**46,538,585**	**33,345,801**	**13,192,784**	**46,857,321**	**33,488,158**	**13,369,163**	**[3]47,159,681**
Alabama	749,207	541,059	208,148	747,980	542,350	205,630	740,732	538,687	202,045	726,259
Alaska	132,123	95,649	36,474	135,373	96,979	38,394	134,391	95,601	38,790	135,869
Arizona	814,113	595,969	218,144	848,262	622,747	225,515	852,612	623,561	229,051	[3]856,984
Arkansas	456,497	322,236	134,261	452,256	319,232	133,024	451,034	317,714	133,320	[4]448,018
California	5,803,887	4,195,625	1,608,262	5,926,037	4,269,926	1,656,111	6,038,589	4,336,687	1,701,902	[3]6,239,539
Colorado	687,167	494,463	192,704	699,135	501,449	197,686	708,109	506,568	201,541	[4]724,508
Connecticut[5]	535,164	394,290	140,874	544,698	399,381	145,317	553,993	403,913	150,080	562,138
Delaware	111,960	78,772	33,188	113,262	79,955	33,307	112,836	80,274	32,562	114,424
District of Columbia	77,111	59,937	17,174	71,889	56,712	15,177	77,194	59,917	17,277	[4]78,751
Florida	2,294,077	1,680,316	613,761	2,337,633	1,704,024	633,609	2,381,396	1,725,493	655,903	[4]2,434,403
Georgia	1,375,980	1,010,551	365,429	1,401,291	1,029,386	371,905	1,422,762	1,044,030	378,732	1,444,937
Hawaii	189,887	136,390	53,497	188,069	134,685	53,384	185,860	133,250	52,610	[4]184,360
Idaho	244,403	168,824	75,579	244,722	168,604	76,118	245,331	168,822	76,509	245,650
Illinois	1,998,289	1,438,329	559,960	2,011,530	1,451,579	559,951	2,027,600	1,462,234	565,366	2,048,197
Indiana	986,836	692,848	293,988	989,001	697,247	291,754	988,702	699,221	289,481	988,963
Iowa	501,054	338,454	162,600	498,214	336,696	161,518	497,301	335,919	161,382	497,301
Kansas	468,687	327,545	141,142	472,353	327,474	144,879	472,188	325,818	146,370	469,747
Kentucky	669,322	474,325	194,997	655,687	464,348	191,339	648,180	458,607	189,573	623,231
Louisiana	776,813	563,619	213,194	768,734	558,473	210,261	756,579	548,019	208,560	743,089
Maine	212,579	153,476	59,103	211,051	151,440	59,611	209,253	148,774	60,479	[4]213,461
Maryland	830,744	601,992	228,752	841,671	606,560	235,111	846,582	607,125	239,457	853,406
Massachusetts	949,006	696,487	252,519	962,317	704,624	257,693	971,425	706,251	265,174	[4]985,000
Michigan	1,702,717	1,236,204	466,513	1,720,287	1,245,321	474,966	1,725,617	1,244,586	481,031	1,705,800
Minnesota	853,621	587,725	265,896	856,455	586,719	269,736	854,034	580,363	273,671	847,000
Mississippi	504,792	365,061	139,731	502,379	365,497	136,882	500,716	365,357	135,359	[4]499,362
Missouri	910,613	649,862	260,751	913,494	650,839	262,655	914,110	648,758	265,352	897,081
Montana	162,335	111,951	50,384	159,988	109,535	50,453	157,556	107,490	50,066	155,860
Nebraska	292,681	201,684	90,997	291,140	199,754	91,386	288,261	197,014	91,247	286,176
Nevada	296,621	218,802	77,819	311,061	229,275	81,786	325,610	239,625	85,985	340,707
New Hampshire	201,629	145,256	56,373	204,713	146,722	57,991	206,783	146,854	59,929	210,454
New Jersey	1,250,276	921,374	328,902	1,268,996	936,428	332,568	1,289,256	953,766	335,490	[3]1,309,839
New Mexico	331,673	235,593	96,080	328,753	232,485	96,268	324,495	228,592	95,903	316,548
New York	2,861,823	2,011,243	850,580	2,877,143	2,028,167	848,976	2,887,776	2,033,748	854,028	2,940,000
North Carolina	1,236,083	906,436	329,647	1,254,821	920,838	333,983	1,275,925	934,725	341,200	[4]1,265,810
North Dakota	118,572	80,330	38,242	114,927	76,926	38,001	112,751	74,968	37,783	[4]105,635
Ohio	1,847,114	1,299,249	547,865	1,842,163	1,301,025	541,138	1,836,554	1,296,450	540,104	1,821,200
Oklahoma	623,681	444,774	178,907	628,492	447,906	180,586	627,032	446,719	180,313	625,577
Oregon	541,346	381,107	160,239	542,809	379,770	163,039	545,033	378,474	166,559	547,200
Pennsylvania	1,815,151	1,266,419	548,732	1,816,414	1,267,226	549,188	1,816,716	1,262,181	554,535	1,811,030
Rhode Island	153,321	111,773	41,548	154,785	112,483	42,302	156,454	113,520	42,934	[6]158,141
South Carolina	659,273	472,681	186,592	664,600	477,858	186,742	666,780	483,725	183,055	647,400
South Dakota	142,443	97,930	44,513	132,495	90,887	41,608	131,037	89,590	41,447	128,133
Tennessee	893,044	653,385	239,659	905,454	664,582	240,872	916,202	664,393	251,809	[4]905,100
Texas	3,891,877	2,832,461	1,059,416	3,945,367	2,868,209	1,077,158	3,991,783	2,895,853	1,095,930	4,033,697
Utah	482,957	328,978	153,979	481,176	328,522	152,654	480,255	329,185	151,070	[4]475,269
Vermont	105,984	73,693	32,291	105,120	73,257	31,863	104,559	72,276	32,283	104,001
Virginia	1,110,815	807,160	303,655	1,124,022	815,266	308,756	1,133,994	817,143	316,851	[3]1,144,054
Washington	991,235	694,491	296,744	998,053	695,950	302,103	1,003,714	694,750	308,964	[3]1,009,407
West Virginia	301,419	207,011	94,408	297,530	205,840	91,690	291,811	203,475	88,336	285,169
Wisconsin	881,780	603,708	278,072	879,542	600,703	278,839	877,753	596,439	281,314	876,243
Wyoming	97,115	65,613	31,502	95,241	63,940	31,301	92,105	61,654	30,451	[4]89,553
Bureau of Indian Affairs	—	—	—	—	—	—	49,076	37,450	11,626	—
Department of Defense dependents schools[7]	78,254	63,430	14,824	78,170	63,209	14,961	107,585	90,048	17,537	—
Outlying areas										
American Samoa	15,214	11,764	3,450	15,372	11,806	3,566	15,477	11,899	3,578	[3]15,583
Guam	32,444	23,976	8,468	32,222	23,858	8,364	32,951	24,151	8,800	[3]33,696
Northern Marianas	9,246	7,184	2,062	9,498	7,420	2,078	9,692	7,594	2,098	[4]1,004
Puerto Rico	617,157	453,539	163,618	613,862	451,943	161,919	613,019	447,204	165,815	[3]612,177
Virgin Islands	22,136	15,835	6,301	20,976	15,198	5,778	20,866	14,821	6,045	20,757

—Not available.

[1] Data estimated by state education agencies. Data differ from projections appearing in other tables.

[2] Includes a number of prekindergarten students.

[3] Data imputed by the National Center for Education Statistics based on previous year's data.

[4] Actual data reported by state.

[5] Data beginning in 1986, include state vocational/technical schools.

[6] Early estimate number reported by state, adjusted by the National Center for Education Statistics.

[7] The Department of Defense dependents schools includes only overseas schools through 1998. Data for 1999 includes both overseas and domestic schools.

NOTE: Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared March 2001.)

Table 38.—Enrollment in public elementary and secondary schools, by grade and state: Fall 1999

State or other area	Total, all levels	Prekindergarten through grade 8 and elementary unclassified							
		Total	Prekindergarten[1]	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
1	2	3	4	5	6	7	8	9	10
United States	**[2]46,857,321**	**33,488,158**	**751,173**	**3,397,199**	**3,683,877**	**3,655,473**	**3,690,418**	**3,686,366**	**3,603,664**
Alabama	[2]740,732	538,687	[2]10,548	56,120	61,517	59,203	60,033	60,012	58,381
Alaska	134,391	95,601	1,344	9,583	9,999	10,656	10,706	10,926	10,555
Arizona	852,612	623,561	1,772	67,051	72,471	71,161	71,060	70,418	67,853
Arkansas	451,034	317,714	1,425	34,218	34,640	35,062	35,586	35,707	35,020
California	[2]6,038,589	4,336,687	[2]85,991	459,771	484,535	485,130	488,981	489,356	464,380
Colorado	708,109	506,568	12,857	50,378	55,171	55,855	55,883	56,154	55,156
Connecticut	553,993	403,913	10,518	42,193	44,825	43,974	44,930	45,307	44,712
Delaware	112,836	80,274	716	7,779	9,502	9,061	8,826	8,685	8,555
District of Columbia	77,194	59,917	4,774	6,617	7,325	6,972	6,702	6,070	5,584
Florida	2,381,396	1,725,493	53,783	174,953	184,482	186,014	189,501	190,744	188,093
Georgia	1,422,762	1,044,030	31,359	110,359	115,596	113,956	115,466	116,517	113,352
Hawaii	185,860	133,250	824	14,618	15,044	15,195	15,506	15,703	14,957
Idaho	245,331	168,822	2,158	17,024	18,400	18,437	18,618	19,125	18,719
Illinois	2,027,600	1,462,234	58,604	149,840	162,324	158,998	164,982	158,444	155,168
Indiana	988,702	699,221	4,997	70,438	80,167	78,764	79,409	79,139	77,709
Iowa	497,301	335,919	5,497	34,596	35,137	35,666	36,162	36,766	36,147
Kansas	472,188	325,818	2,811	30,845	34,639	34,692	35,002	35,722	35,393
Kentucky	648,180	458,607	15,609	46,373	[3]48,840	[3]48,581	[3]49,011	49,362	48,870
Louisiana	756,579	548,019	16,818	56,021	63,106	58,478	58,718	57,735	56,296
Maine	209,253	148,774	1,101	14,274	15,296	15,716	15,950	16,530	16,695
Maryland	846,582	607,125	19,285	56,942	65,006	66,746	67,048	69,077	66,687
Massachusetts	971,425	706,251	19,539	70,029	76,926	76,928	78,067	79,385	78,058
Michigan	[2]1,725,617	1,244,586	[2]24,573	128,060	130,947	129,924	132,547	133,215	127,190
Minnesota	854,034	580,363	9,234	58,952	60,984	61,957	62,842	64,934	64,484
Mississippi	500,716	365,357	1,549	37,906	43,318	40,396	40,462	40,151	38,182
Missouri	914,110	648,758	18,181	64,608	68,807	71,642	70,898	70,359	69,386
Montana	157,556	107,490	498	10,335	11,401	11,597	11,615	12,046	11,973
Nebraska	288,261	197,014	4,631	20,576	20,722	21,011	21,385	21,969	21,240
Nevada	325,610	239,625	2,043	25,163	27,421	27,723	27,807	27,660	26,347
New Hampshire	206,783	146,854	1,711	9,048	16,676	16,505	16,685	17,275	17,214
New Jersey	1,289,256	953,766	14,194	89,520	101,868	99,708	100,808	100,361	98,921
New Mexico	324,495	228,592	3,127	22,557	25,349	25,276	25,732	25,573	25,511
New York	2,887,776	2,033,748	37,613	199,271	222,383	219,688	222,190	219,305	213,701
North Carolina	1,275,925	934,725	8,515	101,816	107,314	105,677	105,888	104,658	103,195
North Dakota	112,751	74,968	647	7,560	7,999	7,895	8,040	8,135	8,343
Ohio	1,836,554	1,296,450	23,239	130,141	144,279	140,846	142,816	142,337	140,478
Oklahoma	627,032	446,719	20,894	43,603	51,656	47,318	47,113	47,039	46,853
Oregon	545,033	378,474	611	37,232	40,529	41,920	42,894	43,348	43,036
Pennsylvania	1,816,716	1,262,181	2,620	122,320	138,860	137,111	140,010	141,459	139,925
Rhode Island	156,454	113,520	1,047	11,078	12,409	12,486	12,537	12,578	12,309
South Carolina	666,780	483,725	16,330	46,274	53,410	52,860	53,616	49,323	53,859
South Dakota	131,037	89,590	1,139	9,171	9,448	9,528	9,509	9,854	9,938
Tennessee	[2]916,202	664,393	[2]13,047	70,814	75,793	74,049	73,005	71,433	69,509
Texas	3,991,783	2,895,853	138,235	290,806	320,102	313,688	311,133	308,232	303,098
Utah	480,255	329,185	4,281	34,963	35,396	36,285	35,953	35,921	35,134
Vermont	104,559	72,276	2,491	6,893	7,273	7,462	7,772	7,965	8,168
Virginia	1,133,994	817,143	5,293	83,938	88,996	89,819	90,494	90,781	87,933
Washington	1,003,714	694,750	6,134	68,699	75,988	77,383	77,993	79,257	77,928
West Virginia	291,811	203,475	6,176	21,216	21,800	21,736	22,117	21,928	21,729
Wisconsin	877,753	596,439	20,790	58,524	61,401	62,251	63,674	64,908	64,943
Wyoming	92,105	61,654	(4)	6,133	6,400	6,487	6,736	6,878	6,797
Bureau of Indian Affairs	49,076	37,450	(4)	4,614	4,418	4,412	4,172	4,134	4,158
Department of Defense dependents schools[5]	107,585	90,048	5,069	11,057	11,110	11,222	10,200	9,876	9,170
Outlying areas									
American Samoa	15,477	11,899	1,399	1,170	1,312	1,264	1,172	1,157	1,161
Guam	32,951	24,151	584	2,756	2,310	2,860	2,734	2,813	2,663
Northern Marianas	9,692	7,594	549	574	974	837	878	838	787
Puerto Rico	613,019	447,204	619	43,261	51,589	48,094	46,939	49,835	50,331
Virgin Islands	20,866	14,821	(4)	1,368	1,546	1,656	1,740	1,669	1,565

Table 38.—Enrollment in public elementary and secondary schools, by grade and state: Fall 1999—Continued

State or other area	Prekindergarten through grade 8 and elementary unclassified				Grades 9 through 12 and secondary unclassified					
	Grade 6	Grade 7	Grade 8	Elementary unclassified	Total	Grade 9	Grade 10	Grade 11	Grade 12	Secondary unclassified
1	11	12	13	14	15	16	17	18	19	20
United States	**3,564,116**	**3,541,274**	**3,496,977**	**417,621**	**13,369,163**	**3,934,899**	**3,415,425**	**3,033,980**	**2,761,701**	**203,158**
Alabama	57,703	58,969	56,201	—	202,045	61,150	52,304	46,015	42,576	—
Alaska	10,574	10,683	10,575	—	38,790	11,568	10,217	8,624	8,381	—
Arizona	67,086	66,236	65,338	3,115	229,051	68,646	60,469	51,771	47,907	238
Arkansas	34,397	35,267	35,403	989	133,320	36,657	35,081	31,839	29,316	427
California	451,810	439,075	431,730	55,928	1,701,902	482,355	444,161	401,348	347,914	26,124
Colorado	54,957	54,856	54,599	702	201,541	58,710	52,548	47,725	41,999	559
Connecticut	43,524	42,725	41,205	—	150,080	43,977	39,273	35,160	31,670	—
Delaware	9,014	9,179	8,957	—	32,562	10,150	8,618	7,304	6,490	—
District of Columbia	4,539	4,331	4,408	2,595	17,277	5,289	4,113	3,550	2,897	1,428
Florida	189,813	186,536	181,574	—	655,903	223,743	177,234	138,667	116,259	—
Georgia	111,603	109,134	106,688	—	378,732	125,388	98,019	82,974	72,351	—
Hawaii	14,441	13,733	13,175	54	52,610	15,629	13,526	12,592	10,818	45
Idaho	18,909	18,827	18,589	16	76,509	20,062	19,833	18,715	17,899	—
Illinois	153,710	148,459	149,397	2,308	565,366	164,554	145,536	126,866	126,984	1,426
Indiana	76,745	74,743	74,540	2,570	289,481	81,049	73,532	68,054	64,647	2,199
Iowa	35,819	36,307	37,966	5,856	161,382	41,394	39,159	37,829	37,124	5,876
Kansas	35,757	36,205	36,759	7,993	146,370	39,683	36,769	34,333	32,344	3,241
Kentucky	47,662	48,983	48,427	[3] 6,289	189,573	56,678	47,647	43,483	39,111	[3] 2,654
Louisiana	57,910	58,997	55,710	8,230	208,560	63,869	52,925	46,144	42,344	3,278
Maine	16,946	17,003	17,493	1,770	60,479	17,036	15,565	14,237	13,022	619
Maryland	65,675	64,874	62,776	3,009	239,457	70,346	60,685	54,737	50,632	3,057
Massachusetts	75,902	74,783	72,545	4,089	265,174	77,733	68,577	62,424	56,440	—
Michigan	123,673	124,554	122,548	67,355	481,031	135,896	117,408	104,634	96,295	26,798
Minnesota	64,547	64,724	67,705	—	273,671	71,222	69,030	66,375	67,044	—
Mississippi	37,822	38,850	37,344	9,377	135,359	39,404	34,047	29,391	26,500	6,017
Missouri	68,862	69,354	69,850	6,811	265,352	75,791	68,523	62,280	56,213	2,545
Montana	12,192	12,607	12,975	251	50,066	13,532	12,877	11,985	11,571	101
Nebraska	21,242	21,786	22,452	—	91,247	24,881	23,064	21,692	21,630	—
Nevada	25,591	24,911	24,268	691	85,985	24,618	22,660	20,549	18,139	19
New Hampshire	17,130	17,249	16,793	568	59,929	17,520	15,297	14,317	12,734	61
New Jersey	96,113	92,672	88,757	70,844	335,490	89,234	80,654	73,096	69,647	22,859
New Mexico	24,997	25,148	25,322	—	95,903	29,307	25,601	22,054	18,941	—
New York	210,895	206,739	202,221	79,742	854,028	252,864	212,708	165,159	150,444	72,853
North Carolina	101,621	99,477	96,542	22	341,200	111,493	88,455	75,694	65,558	—
North Dakota	8,523	8,689	9,137	—	37,783	9,677	9,395	9,405	9,306	—
Ohio	140,117	141,628	140,706	9,863	540,104	156,492	134,736	127,991	120,885	—
Oklahoma	46,296	46,737	46,999	2,211	180,313	50,270	46,441	42,652	40,024	926
Oregon	42,023	42,041	42,721	2,119	166,559	45,619	43,201	40,083	36,827	829
Pennsylvania	140,916	141,885	141,714	15,361	554,535	153,464	137,769	128,787	121,152	13,363
Rhode Island	12,108	12,094	11,592	3,282	42,934	12,548	11,099	9,966	9,138	183
South Carolina	53,544	52,908	51,601	—	183,055	62,883	47,592	36,109	36,471	—
South Dakota	9,934	10,338	10,618	113	41,447	11,247	10,649	9,811	9,693	47
Tennessee	67,708	68,408	68,243	14,384	251,809	74,699	65,873	58,077	53,160	—
Texas	303,447	306,282	300,830	—	1,095,930	359,368	275,265	243,627	217,670	—
Utah	35,472	34,493	35,170	6,117	151,070	35,961	36,990	36,905	36,594	4,620
Vermont	8,035	8,040	8,177	—	32,283	8,748	8,356	7,795	7,014	370
Virginia	86,303	85,872	85,092	22,622	316,851	95,017	80,490	71,917	69,333	94
Washington	76,893	76,932	77,543	—	308,964	86,602	80,493	73,383	68,486	—
West Virginia	21,558	22,459	22,409	347	88,336	23,876	22,049	21,142	20,982	287
Wisconsin	64,967	67,103	67,878	—	281,314	78,961	70,934	67,343	64,076	—
Wyoming	7,091	7,389	7,715	28	30,451	8,059	7,958	7,370	7,049	15
Bureau of Indian Affairs	3,975	3,876	3,691	—	11,626	4,001	3,238	2,422	1,965	—
Department of Defense dependents schools [5]	8,434	7,261	6,423	206	17,537	5,671	4,640	3,871	3,355	—
Outlying areas										
American Samoa	1,086	1,131	1,047	—	3,578	1,059	926	825	725	43
Guam	2,543	2,446	2,442	—	8,800	3,457	2,234	1,717	1,392	—
Northern Marianas	763	700	694	—	2,098	746	567	441	344	—
Puerto Rico	47,470	49,789	45,842	13,435	165,815	43,438	43,885	38,037	34,428	6,027
Virgin Islands	1,534	2,033	1,540	170	6,045	2,052	1,569	1,187	1,096	141

—Not available.

[1] Data include imputations for nonrespondents.

[2] Includes imputations for underreporting.

[3] Data disaggregated from reported data.

[4] No prekindergarten pupils reported.

[5] Includes both overseas schools and domestic schools.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared February 2001.)

Table 39.—Enrollment in public elementary and secondary schools, by grade and state: Fall 1998

State or other area	Total, all levels	Prekindergarten through grade 8 and elementary unclassified							
		Total	Prekindergarten[1]	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
1	2	3	4	5	6	7	8	9	10
United States	**[2]46,538,585**	**33,345,801**	**[2]728,703**	**3,442,874**	**3,727,158**	**3,681,463**	**3,695,643**	**3,592,153**	**3,520,104**
Alabama	[2]747,980	542,350	[2]10,341	58,055	63,634	60,341	60,458	58,610	57,436
Alaska	135,373	96,979	2,017	9,838	10,641	10,754	10,818	10,555	10,528
Arizona	848,262	622,747	5,209	65,312	72,179	71,669	70,193	67,764	66,336
Arkansas	452,256	319,232	1,390	34,120	36,162	35,599	35,822	35,034	34,211
California	[2]5,926,037	4,269,926	[2]81,926	459,262	485,781	487,454	489,702	462,241	451,602
Colorado	699,135	501,449	13,068	50,859	55,589	55,284	55,304	54,382	54,068
Connecticut	544,698	399,381	10,056	42,500	44,936	44,398	45,154	44,520	43,559
Delaware	113,262	79,955	602	8,025	9,307	8,996	8,674	8,538	8,834
District of Columbia	71,889	56,712	4,831	6,446	7,094	6,772	6,101	5,607	4,608
Florida	2,337,633	1,704,024	53,969	174,470	184,802	186,394	188,445	186,203	182,770
Georgia	1,401,291	1,029,386	30,779	112,287	114,855	114,454	115,495	112,226	109,053
Hawaii	188,069	134,685	674	15,019	15,698	15,894	16,050	15,215	14,840
Idaho	244,722	168,604	2,123	17,318	18,623	18,449	18,901	18,510	18,753
Illinois	2,011,530	1,451,579	59,389	150,953	162,128	160,498	165,485	152,841	149,279
Indiana	989,001	697,247	5,557	71,996	81,488	79,714	78,841	77,667	75,763
Iowa	498,214	336,696	4,975	35,772	35,699	35,866	36,500	35,776	35,106
Kansas	472,353	327,474	2,595	31,279	35,472	35,061	35,599	35,197	35,357
Kentucky	655,687	464,348	16,864	46,900	[3]51,179	[3]50,308	[3]50,479	48,707	46,599
Louisiana	768,734	558,473	16,486	58,922	62,805	59,447	58,493	57,476	56,507
Maine	211,051	151,440	1,078	14,745	16,046	15,918	16,380	16,587	16,971
Maryland	841,671	606,560	20,013	57,813	66,761	67,387	68,479	67,230	65,175
Massachusetts	962,317	704,624	18,884	71,390	78,873	78,112	79,612	77,943	75,873
Michigan	[2]1,720,287	1,245,321	[2]23,782	131,021	133,023	134,126	134,512	127,655	123,216
Minnesota	856,455	586,719	9,116	61,023	62,038	62,358	64,678	64,101	64,024
Mississippi	502,379	365,497	1,548	39,509	43,366	41,017	40,376	38,471	37,974
Missouri	913,494	650,839	16,584	67,374	72,577	70,905	70,204	69,262	67,984
Montana	159,988	109,535	[4]515	10,848	12,002	11,580	11,969	11,808	12,128
Nebraska	291,140	199,754	4,595	21,145	21,198	21,445	22,023	21,378	21,275
Nevada	311,061	229,275	2,140	23,986	27,167	27,001	26,734	25,629	24,759
New Hampshire	204,713	146,722	1,586	8,831	17,388	16,520	17,152	16,959	16,886
New Jersey	1,268,996	936,428	10,560	90,689	101,808	100,091	100,289	97,881	93,982
New Mexico	328,753	232,485	2,932	23,759	26,101	25,935	25,677	25,701	25,446
New York	2,877,143	2,028,167	38,196	202,894	225,811	222,656	224,581	214,629	208,589
North Carolina	1,254,821	920,838	7,610	102,603	107,679	105,581	104,907	102,456	99,282
North Dakota	114,927	76,926	671	7,920	8,247	8,117	8,187	8,416	8,529
Ohio	1,842,163	1,301,025	22,373	134,981	146,068	142,894	143,048	140,467	138,250
Oklahoma	628,492	447,906	16,787	44,664	53,868	47,543	47,327	46,750	46,236
Oregon	542,809	379,770	547	37,530	41,912	42,764	43,005	42,784	41,966
Pennsylvania	1,816,414	1,267,226	2,712	126,155	141,973	140,305	141,360	139,387	138,971
Rhode Island	154,785	112,483	811	10,907	12,846	12,466	12,746	12,323	12,003
South Carolina	[2]664,600	477,858	[2]9,188	47,160	54,402	53,492	49,338	53,929	52,675
South Dakota	132,495	90,887	654	9,495	9,714	9,539	9,778	9,931	9,815
Tennessee	[2]905,454	664,582	[2]12,518	71,870	75,855	73,828	73,085	71,249	68,746
Texas	3,945,367	2,868,209	136,945	290,432	318,863	309,313	307,892	301,475	299,362
Utah	481,176	328,522	4,115	34,529	36,336	35,901	35,988	35,008	35,304
Vermont	105,120	73,257	2,377	6,976	7,584	7,739	7,932	8,165	7,970
Virginia	1,124,022	815,266	5,161	84,154	89,967	89,326	89,857	87,278	83,074
Washington	998,053	695,950	5,901	71,323	77,761	77,571	78,617	77,372	75,902
West Virginia	297,530	205,840	5,822	21,821	22,560	22,355	22,119	21,732	21,402
Wisconsin	879,542	600,703	20,131	59,611	62,652	63,506	64,307	64,255	63,971
Wyoming	95,241	63,940	(5)	6,383	6,637	6,820	6,970	6,873	7,155
Department of Defense dependents schools, overseas schools	78,170	63,209	975	7,584	8,336	7,725	7,710	7,229	6,645
Outlying areas									
American Samoa	15,372	11,806	1,452	1,208	1,267	1,185	1,197	1,170	1,096
Guam	32,222	23,858	551	2,181	2,950	2,783	2,844	2,683	2,661
Northern Marianas	9,498	7,420	526	624	913	826	839	791	783
Puerto Rico	613,862	451,943	1,037	44,106	51,599	48,247	50,419	51,337	49,561
Virgin Islands	20,976	15,198	(5)	1,426	1,746	1,793	1,687	1,651	1,613

Table 39.—Enrollment in public elementary and secondary schools, by grade and state: Fall 1998—Continued

State or other area	Prekindergarten through grade 8 and elementary unclassified				Grades 9 through 12 and secondary unclassified					
	Grade 6	Grade 7	Grade 8	Elementary unclassified	Total	Grade 9	Grade 10	Grade 11	Grade 12	Secondary unclassified
1	11	12	13	14	15	16	17	18	19	20
United States	**3,496,812**	**3,529,620**	**3,480,371**	**450,900**	**13,192,784**	**3,856,464**	**3,382,134**	**3,020,899**	**2,721,709**	**211,578**
Alabama	57,689	58,681	57,105	—	205,630	62,724	52,731	46,218	43,957	—
Alaska	10,399	10,932	10,497	—	38,394	11,442	9,749	8,800	8,403	—
Arizona	64,938	66,648	63,943	8,556	225,515	67,476	60,333	51,245	45,813	648
Arkansas	34,183	35,570	35,936	1,205	133,024	36,378	35,264	31,742	29,123	517
California	433,720	431,003	424,768	62,467	1,656,111	468,162	433,528	390,742	334,852	28,827
Colorado	54,053	54,589	53,556	697	197,686	58,265	51,622	47,173	40,076	550
Connecticut	42,167	41,837	40,254	—	145,317	43,140	37,682	34,058	30,437	—
Delaware	8,693	9,322	8,964	—	33,307	10,453	8,861	7,223	6,770	—
District of Columbia	4,175	4,557	4,083	2,438	15,177	4,387	3,786	3,187	2,572	1,245
Florida	183,929	183,976	179,066	—	633,609	214,459	171,405	135,021	112,724	—
Georgia	108,517	106,857	104,863	—	371,905	123,055	95,755	81,968	71,127	—
Hawaii	14,292	13,610	13,339	54	53,384	16,125	13,981	12,848	10,384	46
Idaho	18,396	18,458	19,073	—	76,118	20,562	19,680	18,621	17,255	—
Illinois	151,150	148,980	148,529	2,347	559,951	161,476	140,486	129,037	127,506	1,446
Indiana	73,805	75,018	74,775	2,623	291,754	82,657	73,345	69,191	64,293	2,268
Iowa	35,429	37,529	38,374	5,670	161,518	40,741	39,652	38,275	37,166	5,684
Kansas	35,873	36,876	37,189	6,976	144,879	39,290	37,153	33,696	31,955	2,785
Kentucky	48,061	48,617	49,560	7,054	191,339	55,999	49,274	43,729	39,369	[3]2,968
Louisiana	58,353	60,940	56,683	12,358	210,261	64,064	53,319	46,531	41,479	4,868
Maine	16,727	17,500	17,438	2,050	59,611	16,635	15,335	13,951	12,996	694
Maryland	64,561	63,379	62,174	3,588	235,111	68,672	59,651	53,890	49,321	3,577
Massachusetts	74,131	73,148	72,101	4,557	257,693	74,668	66,456	61,200	55,369	—
Michigan	123,596	124,352	123,565	66,473	474,966	132,899	115,887	105,720	94,361	26,099
Minnesota	64,031	67,451	67,899	—	269,736	69,813	68,380	68,529	63,014	—
Mississippi	37,139	39,422	37,322	9,353	136,882	40,169	34,875	29,319	26,452	6,067
Missouri	68,541	70,216	69,965	7,227	262,655	73,989	68,955	60,881	56,165	2,665
Montana	12,444	12,984	12,994	263	50,453	13,655	12,816	12,266	11,611	105
Nebraska	21,603	22,367	22,725	—	91,386	24,901	22,865	22,103	21,517	—
Nevada	24,196	23,816	23,168	679	81,786	23,183	21,652	20,108	16,824	19
New Hampshire	17,139	16,765	16,848	648	57,991	16,566	15,149	14,061	12,148	67
New Jersey	90,971	88,587	86,032	75,538	332,568	86,450	78,892	73,985	68,618	24,623
New Mexico	25,458	25,760	25,716	—	96,268	29,414	26,245	21,865	18,724	—
New York	204,177	204,605	200,097	81,932	848,976	247,917	212,054	166,183	148,315	74,507
North Carolina	98,276	96,840	95,522	82	333,983	108,749	86,952	74,806	63,476	—
North Dakota	8,474	9,044	9,321	—	38,001	9,696	9,664	9,559	9,082	—
Ohio	139,297	142,823	141,749	9,075	541,138	152,978	137,621	129,869	120,670	—
Oklahoma	46,702	47,840	47,933	2,256	180,586	50,328	47,393	43,152	38,769	944
Oregon	41,828	42,598	42,825	2,011	163,039	45,260	42,838	39,095	35,079	767
Pennsylvania	138,900	142,621	138,766	16,076	549,188	149,158	139,026	128,366	118,850	13,788
Rhode Island	11,831	11,777	11,372	3,401	42,302	12,504	10,864	10,018	8,727	189
South Carolina	52,690	53,284	51,700	—	186,742	63,683	46,768	39,654	36,637	—
South Dakota	10,250	10,718	10,841	152	41,608	11,302	10,515	10,208	9,521	62
Tennessee	67,336	68,684	66,468	14,943	240,872	72,169	63,426	55,837	49,440	—
Texas	300,246	303,921	299,760	—	1,077,158	350,743	273,161	240,751	212,503	—
Utah	34,356	35,151	35,559	6,275	152,654	36,598	37,415	38,138	35,706	4,797
Vermont	8,124	8,190	8,200	—	31,863	9,016	8,189	7,494	6,823	341
Virginia	84,594	84,975	85,348	31,532	308,756	90,241	79,387	71,212	67,787	129
Washington	76,162	78,001	77,340	—	302,103	85,131	79,208	71,982	65,782	—
West Virginia	22,082	22,997	22,623	327	91,690	24,061	23,446	22,562	21,344	277
Wisconsin	65,788	68,001	68,481	—	278,839	76,660	71,273	67,146	63,760	—
Wyoming	7,340	7,803	7,942	17	31,301	8,401	8,170	7,664	7,057	9
Department of Defense dependents schools, overseas schools	6,169	5,665	5,171	—	14,961	4,731	4,021	3,388	2,821	—
Outlying areas										
American Samoa	1,147	1,080	1,004	—	3,566	1,034	932	814	741	45
Guam	2,467	2,468	2,270	—	8,364	3,002	2,278	1,656	1,428	—
Northern Marianas	815	653	650	—	2,078	761	567	398	352	—
Puerto Rico	47,714	51,079	46,399	10,445	161,919	43,666	43,110	38,320	32,289	4,534
Virgin Islands	1,603	2,062	1,520	97	5,778	2,178	1,322	1,204	999	75

—Not available.

[1] Data include imputations for nonrespondents.

[2] Includes imputations for underreporting.

[3] Data disaggregated from reported data.

[4] Some prekindergarten pupils reported with kindergarten enrollment.

[5] No prekindergarten pupils reported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared March 2001.)

Table 40.—Enrollment in public elementary and secondary schools, by grade: Fall 1985 to fall 1999

Grade	Fall 1985	Fall 1986	Fall 1987	Fall 1988	Fall 1989	Fall 1990	Fall 1991	Fall 1992	Fall 1993	Fall 1994	Fall 1995	Fall 1996	Fall 1997	Fall 1998	Fall 1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	In thousands														
All grades	**39,422**	**39,753**	**40,008**	**40,189**	**40,543**	**41,217**	**42,047**	**42,823**	**43,465**	**44,111**	**44,840**	**45,611**	**46,127**	**46,539**	**46,857**
Elementary	27,034	27,420	27,933	28,501	29,152	29,878	30,506	31,088	31,504	31,898	32,341	32,764	33,073	33,346	33,488
Prekindergarten	151	183	193	225	262	303	375	505	545	603	637	670	695	729	751
Kindergarten	3,041	3,127	3,196	3,208	3,225	3,306	3,311	3,313	3,377	3,444	3,536	3,532	3,503	3,443	3,397
1st grade	3,239	3,358	3,407	3,460	3,485	3,499	3,556	3,542	3,529	3,593	3,671	3,770	3,755	3,727	3,684
2nd grade	2,941	3,054	3,173	3,223	3,289	3,327	3,360	3,431	3,429	3,440	3,507	3,600	3,689	3,681	3,655
3rd grade	2,895	2,933	3,046	3,167	3,235	3,297	3,334	3,361	3,437	3,439	3,445	3,524	3,597	3,696	3,690
4th grade	2,771	2,896	2,938	3,051	3,182	3,248	3,315	3,342	3,361	3,426	3,431	3,454	3,507	3,592	3,686
5th grade	2,776	2,775	2,901	2,945	3,067	3,197	3,268	3,325	3,350	3,372	3,438	3,453	3,458	3,520	3,604
6th grade	2,789	2,806	2,811	2,937	2,987	3,110	3,239	3,303	3,356	3,381	3,395	3,494	3,492	3,497	3,564
7th grade	2,938	2,899	2,910	2,905	3,027	3,067	3,181	3,299	3,355	3,404	3,422	3,464	3,520	3,530	3,541
8th grade	2,982	2,870	2,839	2,853	2,853	2,979	3,020	3,129	3,249	3,302	3,356	3,403	3,415	3,480	3,497
Elementary ungraded	511	520	520	527	540	543	545	539	515	494	502	401	442	451	418
Secondary	12,388	12,333	12,076	11,687	11,390	11,338	11,541	11,735	11,961	12,213	12,500	12,847	13,054	13,193	13,369
9th grade	3,439	3,256	3,143	3,106	3,141	3,169	3,313	3,352	3,487	3,604	3,704	3,801	3,819	3,856	3,935
10th grade	3,230	3,215	3,020	2,895	2,868	2,896	2,915	3,027	3,050	3,131	3,237	3,323	3,376	3,382	3,415
11th grade	2,866	2,954	2,936	2,749	2,629	2,612	2,645	2,656	2,751	2,748	2,826	2,930	2,972	3,021	3,034
12th grade	2,550	2,601	2,681	2,650	2,473	2,381	2,392	2,431	2,424	2,488	2,487	2,586	2,673	2,722	2,782
Secondary ungraded	303	308	296	288	279	282	275	269	248	242	245	206	214	212	203
	Percentage distribution														
All grades	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Elementary	68.6	69.0	69.8	70.9	71.9	72.5	72.6	72.6	72.5	72.3	72.1	71.8	71.7	71.7	71.5
Prekindergarten	0.4	0.5	0.5	0.6	0.6	0.7	0.9	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.6
Kindergarten	7.7	7.9	8.0	8.0	8.0	8.0	7.9	7.7	7.8	7.8	7.9	7.7	7.6	7.4	7.3
1st grade	8.2	8.4	8.5	8.6	8.6	8.5	8.5	8.3	8.1	8.1	8.2	8.3	8.1	8.0	7.9
2nd grade	7.5	7.7	7.9	8.0	8.1	8.1	8.0	8.0	7.9	7.8	7.8	7.9	8.0	7.9	7.8
3rd grade	7.3	7.4	7.6	7.9	8.0	8.0	7.9	7.8	7.9	7.8	7.7	7.7	7.8	7.9	7.9
4th grade	7.0	7.3	7.3	7.6	7.8	7.9	7.9	7.8	7.7	7.8	7.7	7.6	7.6	7.7	7.9
5th grade	7.0	7.0	7.2	7.3	7.6	7.8	7.8	7.8	7.7	7.6	7.7	7.6	7.5	7.6	7.7
6th grade	7.1	7.1	7.0	7.3	7.4	7.5	7.7	7.7	7.7	7.7	7.6	7.7	7.6	7.5	7.6
7th grade	7.5	7.3	7.3	7.2	7.5	7.4	7.6	7.7	7.7	7.7	7.6	7.6	7.6	7.6	7.6
8th grade	7.6	7.2	7.1	7.1	7.0	7.2	7.2	7.3	7.5	7.5	7.5	7.5	7.4	7.5	7.5
Elementary ungraded	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.1	0.9	1.0	1.0	0.9
Secondary	31.4	31.0	30.2	29.1	28.1	27.5	27.4	27.4	27.5	27.7	27.9	28.2	28.3	28.3	28.5
9th grade	8.7	8.2	7.9	7.7	7.7	7.7	7.9	7.8	8.0	8.2	8.3	8.3	8.3	8.3	8.4
10th grade	8.2	8.1	7.5	7.2	7.1	7.0	6.9	7.1	7.0	7.1	7.2	7.3	7.3	7.3	7.3
11th grade	7.3	7.4	7.3	6.8	6.5	6.3	6.3	6.2	6.3	6.2	6.3	6.4	6.4	6.5	6.5
12th grade	6.5	6.5	6.7	6.6	6.1	5.8	5.7	5.7	5.6	5.6	5.5	5.7	5.8	5.8	5.9
Secondary ungraded	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4

NOTE: Because of changes in reporting practices and imputation of data for nonrespondents in later years, data for prekindergarten enrollment are not comparable over time. Some data revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary School Systems;* and Common Core of Data surveys. (This table was prepared January 2001.)

Table 41.—Average daily attendance in public elementary and secondary schools, by state: 1969–70 to 1998–99

State or other area	1969–70	1979–80	1980–81	1989–90	1990–91	1995–96	1996–97	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10
United States	**41,934,376**	**38,288,911**	**37,703,744**	**37,799,296**	**38,426,543**	**41,501,596**	**42,262,004**	**42,765,774**	**43,187,202**
Alabama	777,123	711,432	701,925	683,833	682,524	687,076	700,837	703,343	704,001
Alaska	72,489	79,945	83,745	98,213	102,585	115,958	117,549	120,420	123,535
Arizona	391,526	481,905	476,149	557,252	573,140	684,740	714,021	730,292	757,150
Arkansas	414,158	423,610	417,080	403,025	408,145	423,520	428,525	429,960	431,609
California	4,418,423	4,044,736	4,014,917	4,893,341	5,065,647	5,351,475	5,524,108	5,652,714	5,687,118
Colorado	500,388	513,475	508,750	519,419	521,899	608,633	624,546	637,278	648,378
Connecticut	618,881	507,362	501,085	439,524	450,808	495,188	508,112	516,750	527,623
Delaware	120,819	94,058	89,609	89,838	91,052	99,941	101,067	104,328	104,699
District of Columbia	138,600	91,576	85,773	71,468	69,092	71,001	70,181	70,160	65,378
Florida	1,312,693	1,464,461	1,389,487	1,646,583	1,714,394	1,947,777	2,007,876	2,059,923	2,100,655
Georgia	1,019,427	989,433	988,612	1,054,097	1,075,728	1,232,852	1,266,805	1,282,487	1,306,564
Hawaii	168,140	151,563	151,713	157,360	160,193	171,977	172,061	173,566	172,038
Idaho	170,920	189,199	190,144	203,987	209,085	228,371	230,480	230,209	230,481
Illinois	2,084,844	1,770,435	1,765,357	1,587,733	1,618,101	1,750,417	1,787,306	1,753,953	1,772,237
Indiana	1,111,043	983,444	944,424	884,568	888,177	909,553	916,717	918,764	923,945
Iowa	624,403	510,081	501,403	450,224	456,614	477,053	477,221	477,417	475,034
Kansas	470,296	382,019	374,451	388,986	397,609	416,674	417,079	419,015	423,568
Kentucky	647,970	619,868	614,676	569,795	569,713	571,934	570,431	569,694	568,603
Louisiana	776,555	727,601	715,844	727,125	720,551	710,925	720,580	713,931	708,576
Maine	225,146	211,400	207,554	195,089	196,229	200,700	199,515	198,007	196,403
Maryland	785,989	686,336	664,866	620,617	637,370	719,433	733,029	748,021	783,944
Massachusetts	1,056,207	935,960	950,675	763,231	770,802	845,270	875,720	889,433	908,354
Michigan	1,991,235	1,758,427	1,711,139	1,446,996	1,452,700	1,554,358	1,544,204	1,555,459	1,570,283
Minnesota	864,595	748,606	710,836	699,001	714,072	786,241	798,492	802,455	812,482
Mississippi	524,623	454,401	446,515	476,048	474,029	470,657	472,066	473,144	470,765
Missouri	906,132	777,269	756,536	729,693	733,680	805,404	820,185	831,307	836,555
Montana	162,664	144,608	141,641	135,406	138,341	148,616	147,626	144,107	141,198
Nebraska	314,516	270,524	263,797	254,754	257,587	270,938	263,828	264,844	265,653
Nevada	113,421	134,995	138,481	173,149	185,755	243,718	258,888	272,786	292,885
New Hampshire	140,203	154,187	150,316	154,915	156,579	187,067	188,256	191,333	194,250
New Jersey	1,322,124	1,140,111	1,121,272	997,561	1,016,159	1,125,877	1,152,855	1,178,223	1,197,828
New Mexico	259,997	253,453	240,496	290,245	291,215	330,851	333,230	333,075	333,439
New York	3,099,192	2,530,289	2,475,055	2,244,110	2,278,531	2,463,349	2,509,622	2,541,022	2,557,030
North Carolina	1,104,295	1,072,150	1,055,651	1,012,274	1,012,613	1,096,812	1,122,240	1,146,519	1,165,885
North Dakota	141,961	118,986	111,759	109,659	109,691	111,870	111,102	111,978	107,458
Ohio	2,246,282	1,849,283	1,801,914	1,584,735	1,603,025	1,661,014	1,680,044	1,681,773	1,673,309
Oklahoma	560,993	548,065	542,800	543,170	548,387	574,538	580,572	582,459	586,310
Oregon	436,736	418,593	417,009	419,771	431,806	462,108	468,775	472,908	475,898
Pennsylvania	2,169,225	1,808,630	1,754,782	1,524,839	1,542,077	1,651,741	1,668,163	1,682,615	1,686,098
Rhode Island	163,205	139,195	135,096	125,934	129,856	137,870	138,671	140,906	141,881
South Carolina	600,292	569,612	580,132	569,029	573,138	605,526	613,761	621,508	626,199
South Dakota	158,543	124,934	121,663	119,823	121,403	127,754	127,387	125,939	124,129
Tennessee	836,010	806,696	797,237	761,766	767,738	819,831	827,308	836,120	840,188
Texas	2,432,420	2,608,817	2,647,288	3,075,333	3,085,648	3,435,010	3,516,175	3,585,364	3,640,540
Utah	287,405	312,813	323,048	408,917	417,609	444,679	450,592	450,381	452,379
Vermont	97,772	95,045	90,884	87,832	88,901	100,166	100,136	99,967	99,282
Virginia	995,580	955,105	938,794	989,197	1,011,513	1,098,862	1,117,402	1,134,876	1,164,595
Washington	764,735	710,929	704,655	755,141	781,371	888,142	903,870	916,215	924,636
West Virginia	372,278	353,264	351,823	301,947	300,067	285,548	283,391	281,136	276,839
Wisconsin	880,609	770,554	743,505	711,466	731,088	799,391	807,668	817,795	821,176
Wyoming	81,293	89,471	91,381	91,277	92,506	93,190	91,729	89,895	88,139
Outlying areas									
American Samoa	—	—	—	11,448	12,272	14,074	14,114	14,750	14,905
Guam	20,315	—	22,343	23,883	25,330	31,998	30,555	31,916	—
Northern Marianas	—	—	—	6,809	6,062	7,511	7,784	8,055	8,446
Puerto Rico	—	656,709	671,661	597,436	597,418	548,788	538,878	543,164	536,875
Virgin Islands	—	—	23,312	18,924	19,984	19,867	19,474	19,430	18,988

—Not available.

NOTE: Data for California are not strictly comparable with those for other states because California's attendance figures through 1990–91 include excused absences. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education; Statistics of State School Systems;* and Common Core of Data survey. (This table was prepared May 2001.)

Table 42.—Enrollment in public elementary and secondary schools, by race/ethnicity and state: Fall 1986 and fall 1999

State or other area	Percent distribution, fall 1986						Percent distribution, fall 1999					
	Total	White[1]	Black[1]	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native	Total	White[1]	Black[1]	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**100.0**	**70.4**	**16.1**	**9.9**	**2.8**	**0.9**	**100.0**	**62.1**	**17.2**	**15.6**	**4.0**	**1.2**
Alabama	100.0	62.0	37.0	0.1	0.4	0.5	100.0	61.1	36.4	1.1	0.7	0.7
Alaska	100.0	65.7	4.3	1.7	3.3	25.1	100.0	62.2	4.5	3.2	5.2	24.9
Arizona	100.0	62.2	4.0	26.4	1.3	6.1	100.0	54.0	4.6	32.7	1.9	6.8
Arkansas	100.0	74.7	24.2	0.4	0.6	0.2	100.0	72.2	23.5	3.0	0.9	0.5
California	100.0	53.7	9.0	27.5	9.1	0.7	100.0	37.0	8.6	42.4	11.1	0.9
Colorado	100.0	78.7	4.5	13.7	2.0	1.0	100.0	69.5	5.7	20.8	2.8	1.2
Connecticut	100.0	77.2	12.1	8.9	1.5	0.2	100.0	70.5	13.7	12.8	2.7	0.3
Delaware	100.0	68.3	27.7	2.5	1.4	0.2	100.0	61.6	30.6	5.4	2.2	0.2
District of Columbia	100.0	4.0	91.1	3.9	0.9	0.1	100.0	4.1	86.2	8.3	1.5	(2)
Florida	100.0	65.4	23.7	9.5	1.2	0.2	100.0	54.3	25.4	18.2	1.9	0.3
Georgia	100.0	60.7	37.9	0.6	0.8	(2)	100.0	55.5	38.2	4.0	2.1	0.2
Hawaii	100.0	23.5	2.3	2.2	71.7	0.3	100.0	20.5	2.4	4.6	72.2	0.4
Idaho	100.0	92.6	0.3	4.9	0.8	1.3	100.0	86.7	0.8	10.0	1.2	1.3
Illinois	100.0	69.8	18.7	9.2	2.3	0.1	100.0	60.7	21.3	14.6	3.3	0.2
Indiana	100.0	88.7	9.0	1.7	0.5	0.1	100.0	84.3	11.5	3.1	0.9	0.2
Iowa	100.0	94.6	3.0	0.9	1.2	0.3	100.0	90.8	3.8	3.2	1.7	0.5
Kansas	100.0	85.6	7.6	4.4	1.9	0.6	100.0	79.7	8.7	8.3	2.1	1.2
Kentucky	100.0	89.2	10.2	0.1	0.5	(2)	100.0	88.1	10.5	0.8	0.5	0.1
Louisiana	100.0	56.5	41.3	0.8	1.1	0.3	100.0	49.2	47.6	1.3	1.3	0.6
Maine	100.0	98.3	0.5	0.2	0.8	0.2	100.0	96.8	1.0	0.5	1.0	0.7
Maryland	100.0	59.7	35.3	1.7	3.1	0.2	100.0	54.3	36.8	4.4	4.2	0.3
Massachusetts	100.0	83.7	7.4	6.0	2.8	0.1	100.0	76.6	8.6	10.2	4.3	0.3
Michigan	100.0	76.4	19.8	1.8	1.2	0.8	100.0	74.4	19.6	3.2	1.7	1.0
Minnesota	100.0	93.9	2.1	0.9	1.7	1.5	100.0	84.0	6.2	2.9	4.9	2.0
Mississippi	100.0	43.9	55.5	0.1	0.4	0.1	100.0	47.5	51.0	0.6	0.6	0.1
Missouri	100.0	83.4	14.9	0.7	0.8	0.2	100.0	79.7	17.3	1.6	1.1	0.3
Montana	100.0	92.7	0.3	0.9	0.5	5.5	100.0	86.5	0.6	1.7	0.9	10.4
Nebraska	100.0	91.4	4.4	2.4	0.8	1.0	100.0	86.0	5.7	5.7	1.3	1.3
Nevada	100.0	77.4	9.6	7.5	3.2	2.3	100.0	58.9	10.1	23.9	5.4	1.8
New Hampshire	100.0	98.0	0.7	0.5	0.8	0.1	100.0	95.9	1.1	1.6	1.2	0.2
New Jersey	100.0	69.1	17.4	10.7	2.7	0.1	100.0	60.8	18.1	14.9	6.1	0.2
New Mexico	100.0	43.1	2.3	45.1	0.8	8.7	100.0	36.2	2.3	49.4	1.1	11.0
New York	100.0	68.4	16.5	12.3	2.7	0.2	100.0	55.2	20.3	18.3	5.8	0.4
North Carolina	100.0	68.4	28.9	0.4	0.6	1.7	100.0	61.8	31.3	3.7	1.8	1.5
North Dakota	100.0	92.4	0.6	1.1	0.8	5.0	100.0	89.4	0.9	1.3	0.8	7.6
Ohio	100.0	83.1	15.0	1.0	0.7	0.1	100.0	81.1	16.1	1.6	1.1	0.1
Oklahoma	100.0	79.0	7.8	1.6	1.0	10.6	100.0	66.2	10.7	5.4	1.4	16.3
Oregon	100.0	89.8	2.2	3.9	2.4	1.7	100.0	81.9	2.8	9.5	3.8	2.1
Pennsylvania	100.0	84.4	12.6	1.8	1.2	0.1	100.0	78.8	14.9	4.2	1.9	0.1
Rhode Island	100.0	87.9	5.6	3.7	2.4	0.3	100.0	75.5	7.7	13.1	3.2	0.5
South Carolina	100.0	54.6	44.5	0.2	0.6	0.1	100.0	55.2	42.2	1.5	0.9	0.2
South Dakota	100.0	90.6	0.5	0.6	0.7	7.6	100.0	87.0	1.1	1.1	0.9	9.8
Tennessee	100.0	76.5	22.6	0.2	0.6	(2)	100.0	72.9	24.4	1.5	1.1	0.2
Texas	100.0	51.0	14.4	32.5	2.0	0.2	100.0	43.1	14.4	39.6	2.6	0.3
Utah	100.0	93.7	0.4	3.0	1.5	1.5	100.0	86.9	0.9	8.0	2.6	1.6
Vermont	100.0	98.4	0.3	0.2	0.6	0.6	100.0	96.8	1.0	0.5	1.1	0.5
Virginia	100.0	72.6	23.7	1.0	2.6	0.1	100.0	64.3	27.2	4.3	3.9	0.3
Washington	100.0	84.5	4.2	3.8	5.1	2.3	100.0	75.3	5.2	9.6	7.2	2.7
West Virginia	100.0	95.9	3.7	0.1	0.3	(2)	100.0	94.8	4.2	0.4	0.5	0.1
Wisconsin	100.0	86.6	8.9	1.9	1.7	1.0	100.0	81.4	9.8	4.1	3.2	1.4
Wyoming	100.0	90.7	0.9	5.9	0.6	1.9	100.0	88.4	1.0	6.8	0.8	2.9
Bureau of Indian Affairs	—	—	—	—	—	—	100.0	—	—	—	—	100.0
Department of Defense dependents schools	—	—	—	—	—	—	100.0	59.4	21.4	7.5	10.8	1.0
Outlying areas												
American Samoa	—	—	—	—	—	—	100.0	—	—	—	100.0	—
Guam	—	—	—	—	—	—	100.0	1.9	0.4	0.2	97.4	0.1
Northern Marianas	—	—	—	—	—	—	100.0	0.7	—	—	99.3	—
Puerto Rico	—	—	—	—	—	—	100.0	—	—	100.0	—	—
Virgin Islands	—	—	—	—	—	—	100.0	0.9	83.6	15.2	0.1	0.1

—Not available.

[1] Excludes persons of Hispanic origin.

[2] Less than 0.05 percent.

NOTE: The 1986–87 data were derived from the 1986 Elementary and Secondary School Civil Rights sample survey of public school districts. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, Office for Civil Rights, *1986 State Summaries of Elementary and Secondary School Civil Rights Survey;* and National Center for Education Statistics, Common Core of Data survey. (This table was prepared May 2001.)

Table 43.—Enrollment of 3-, 4-, and 5-year-old children in preprimary programs, by level and control of program and by attendance status: October 1965 to October 2000

[In thousands]

Year and age	Total population, 3 to 5 years old	Enrollment by level and control						Enrollment by attendance		
		Total	Percent enrolled	Nursery school		Kindergarten		Full-day	Part-day	Percent full-day
				Public	Private	Public	Private			
1	2	3	4	5	6	7	8	9	10	11
Total, 3 to 5 years old										
1965	12,549	3,407 (87)	27.1 (0.7)	127	393	2,291	596	— —	—	—
1970	10,949	4,104 (71)	37.5 (0.7)	332	762	2,498	511	698 (36)	3,405	17.0
1975	10,185	4,955 (71)	48.7 (0.7)	570	1,174	2,682	528	1,295 (47)	3,659	26.1
1980	9,284	4,878 (69)	52.5 (0.7)	628	1,353	2,438	459	1,551 (51)	3,327	31.8
1984	10,612	5,480 (77)	51.6 (0.7)	742	1,593	2,668	476	1,929 (60)	3,550	35.2
1985	10,733	5,865 (78)	54.6 (0.7)	846	1,631	2,847	541	2,144 (62)	3,722	36.6
1986	10,866	5,971 (78)	55.0 (0.7)	829	1,715	2,859	567	2,241 (63)	3,730	37.5
1987	10,872	5,931 (78)	54.6 (0.7)	819	1,736	2,842	534	2,090 (62)	3,841	35.2
1988	10,993	5,978 (87)	54.4 (0.8)	851	1,770	2,875	481	2,044 (68)	3,935	34.2
1989	11,039	6,026 (87)	54.6 (0.8)	930	1,894	2,704	497	2,238 (70)	3,789	37.1
1990	11,207	6,659 (82)	59.4 (0.7)	1,199	2,180	2,772	509	2,577 (71)	4,082	38.7
1991	11,370	6,334 (84)	55.7 (0.7)	996	1,828	2,967	543	2,408 (69)	3,926	38.0
1992	11,545	6,402 (85)	55.5 (0.7)	1,073	1,783	2,995	550	2,410 (69)	3,992	37.6
1993	11,954	6,581 (86)	55.1 (0.7)	1,205	1,779	3,020	577	2,642 (72)	3,939	40.1
1994[1]	12,328	7,514 (86)	61.0 (0.7)	1,848	2,314	2,819	534	3,468 (80)	4,046	46.2
1995[1]	12,518	7,739 (87)	61.8 (0.7)	1,950	2,381	2,800	608	3,689 (81)	4,051	47.7
1996[1]	12,378	7,580 (90)	61.2 (0.7)	1,830	2,317	2,853	580	3,562 (83)	4,019	47.0
1997[1]	12,121	7,860 (87)	64.9 (0.7)	2,207	2,231	2,847	575	3,922 (85)	3,939	49.9
1998[1]	12,078	7,788 (87)	64.5 (0.7)	2,213	2,299	2,674	602	3,959 (85)	3,829	50.8
1999[1]	11,920	7,844 (86)	65.8 (0.7)	2,209	2,298	2,777	560	4,154 (86)	3,690	53.0
2000[1]	11,858	7,592 (86)	64.0 (0.7)	2,146	2,180	2,701	565	4,008 (85)	3,584	52.8
3 years old										
1965	4,149	203 (24)	4.9 (0.6)	41	153	5	4	— —	—	—
1970	3,516	454 (28)	12.9 (0.8)	110	322	12	10	142 (16)	312	31.3
1975	3,177	683 (33)	21.5 (1.0)	179	474	11	18	259 (22)	423	37.9
1980	3,143	857 (36)	27.3 (1.1)	221	604	16	17	321 (24)	536	37.5
1984	3,609	1,004 (41)	27.8 (1.1)	295	658	30	22	401 (28)	603	39.9
1985	3,594	1,035 (41)	28.8 (1.1)	278	679	52	26	350 (27)	685	33.8
1986	3,607	1,041 (41)	28.9 (1.1)	257	737	26	21	399 (28)	642	38.3
1987	3,569	1,022 (41)	28.6 (1.1)	264	703	24	31	378 (28)	644	37.0
1988	3,719	1,027 (45)	27.6 (1.2)	298	678	24	26	369 (30)	658	35.9
1989	3,713	1,005 (45)	27.1 (1.2)	277	707	3	18	390 (31)	615	38.8
1990	3,692	1,205 (45)	32.6 (1.2)	347	840	11	7	447 (31)	758	37.1
1991	3,811	1,074 (44)	28.2 (1.2)	313	702	38	22	388 (30)	687	36.1
1992	3,905	1,081 (44)	27.7 (1.1)	336	685	26	34	371 (29)	711	34.3
1993	4,053	1,097 (45)	27.1 (1.1)	369	687	20	20	426 (31)	670	38.9
1994[1]	4,081	1,385 (48)	33.9 (1.2)	469	887	19	9	670 (38)	715	48.4
1995[1]	4,148	1,489 (49)	35.9 (1.2)	511	947	15	17	754 (40)	736	50.6
1996[1]	4,045	1,506 (51)	37.2 (1.3)	511	947	22	26	657 (39)	848	43.7
1997[1]	3,947	1,528 (51)	38.7 (1.3)	643	843	25	18	754 (41)	774	49.4
1998[1]	3,989	1,498 (51)	37.6 (1.3)	587	869	27	14	735 (40)	763	49.1
1999[1]	3,862	1,505 (50)	39.0 (1.3)	621	859	13	12	773 (41)	732	51.3
2000[1]	3,929	1,541 (51)	39.2 (1.3)	644	854	27	16	761 (41)	779	49.4
4 years old										
1965	4,238	683 (42)	16.1 (1.0)	68	213	284	118	— —	—	—
1970	3,620	1,007 (38)	27.8 (1.1)	176	395	318	117	230 (21)	776	22.8
1975	3,499	1,418 (41)	40.5 (1.2)	332	644	313	129	411 (27)	1,008	29.0
1980	3,072	1,423 (40)	46.3 (1.3)	363	701	239	120	467 (28)	956	32.8
1984	3,579	1,603 (45)	44.8 (1.3)	376	860	257	110	521 (32)	1,082	32.5
1985	3,598	1,766 (45)	49.1 (1.3)	496	859	276	135	643 (35)	1,123	36.4
1986	3,616	1,772 (45)	49.0 (1.3)	498	903	257	115	622 (34)	1,150	35.1
1987	3,597	1,717 (45)	47.7 (1.3)	431	881	280	125	548 (32)	1,169	31.9
1988	3,598	1,768 (50)	49.1 (1.4)	481	922	261	104	519 (35)	1,249	29.4
1989	3,692	1,882 (51)	51.0 (1.4)	524	1,055	202	100	592 (37)	1,290	31.4
1990	3,723	2,087 (48)	56.1 (1.3)	695	1,144	157	91	716 (38)	1,371	34.3
1991	3,763	1,994 (48)	53.0 (1.3)	584	982	287	140	667 (37)	1,326	33.5
1992	3,807	1,982 (49)	52.1 (1.3)	602	971	282	126	632 (36)	1,350	31.9
1993	4,044	2,178 (50)	53.9 (1.2)	719	957	349	154	765 (39)	1,413	35.1
1994[1]	4,202	2,532 (51)	60.3 (1.2)	1,020	1,232	198	82	1,095 (45)	1,438	43.2
1995[1]	4,145	2,553 (50)	61.6 (1.2)	1,054	1,208	207	84	1,104 (45)	1,449	43.3
1996[1]	4,148	2,454 (52)	59.2 (1.3)	1,029	1,168	180	77	1,034 (46)	1,420	42.1
1997[1]	4,033	2,665 (50)	66.1 (1.2)	1,197	1,169	207	92	1,161 (47)	1,505	43.5
1998[1]	4,002	2,666 (49)	66.6 (1.2)	1,183	1,219	210	53	1,179 (48)	1,487	44.2
1999[1]	4,021	2,769 (48)	68.9 (1.2)	1,212	1,227	207	122	1,355 (49)	1,414	48.9
2000[1]	3,940	2,556 (49)	64.9 (1.3)	1,144	1,121	227	65	1,182 (48)	1,374	46.2
5 years old[2]										
1965	4,162	2,521 (55)	60.6 (1.3)	18	27	2,002	474	— —	—	—
1970	3,814	2,643 (40)	69.3 (1.1)	45	45	2,168	384	326 (24)	2,317	12.3
1975	3,509	2,854 (33)	81.3 (0.9)	59	57	2,358	381	625 (32)	2,228	21.9
1980	3,069	2,598 (29)	84.7 (0.9)	44	48	2,183	322	763 (34)	1,835	29.4
1984	3,423	2,872 (32)	83.9 (0.9)	72	76	2,381	344	1,007 (40)	1,865	35.1
1985	3,542	3,065 (31)	86.5 (0.9)	73	94	2,519	379	1,151 (42)	1,914	37.6
1986	3,643	3,157 (31)	86.7 (0.8)	75	75	2,576	432	1,220 (43)	1,937	38.6
1987	3,706	3,192 (32)	86.1 (0.9)	124	152	2,538	378	1,163 (43)	2,028	36.4
1988	3,676	3,184 (34)	86.6 (0.9)	72	170	2,590	351	1,155 (47)	2,028	36.3
1989	3,633	3,139 (34)	86.4 (0.9)	129	132	2,499	378	1,255 (48)	1,883	40.0
1990	3,792	3,367 (31)	88.8 (0.8)	157	196	2,604	411	1,414 (47)	1,953	42.0
1991	3,796	3,267 (34)	86.0 (0.9)	100	143	2,642	382	1,354 (47)	1,913	41.4
1992	3,832	3,339 (33)	87.1 (0.9)	135	127	2,688	390	1,408 (47)	1,931	42.2
1993	3,857	3,306 (34)	85.7 (0.9)	116	136	2,651	403	1,451 (48)	1,856	43.9
1994[1]	4,044	3,597 (32)	88.9 (0.8)	359	194	2,601	442	1,704 (50)	1,893	47.4
1995[1]	4,224	3,697 (34)	87.5 (0.8)	385	226	2,578	507	1,830 (51)	1,867	49.5
1996[1]	4,185	3,621 (36)	86.5 (0.9)	290	202	2,652	477	1,870 (53)	1,750	51.7
1997[1]	4,141	3,667 (34)	88.5 (0.8)	368	219	2,616	465	2,007 (53)	1,660	54.7
1998[1]	4,087	3,624 (33)	88.7 (0.8)	442	211	2,437	535	2,044 (53)	1,579	56.4
1999[1]	4,037	3,571 (34)	88.4 (0.8)	376	212	2,557	426	2,027 (52)	1,544	56.8
2000[1]	3,989	3,495 (34)	87.6 (0.9)	359	206	2,447	484	2,065 (52)	1,431	59.1

—Not available.

[1] Data collected using new procedures. May not be comparable with figures prior to 1994.

[2] Enrollment data include only those students in preprimary programs.

NOTE: Data are based on sample surveys of the civilian noninstitutional population. Although cells with fewer than 75,000 children are subject to wide sampling variation, they are included in the table to permit various types of aggregations. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Preprimary Enrollment*, various years; and U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data. (This table was prepared July 2001.)

Table 44.—Percentage distribution of preschool children under 6 years old, by type of primary nonparental care arrangement, and average hours in center-based programs, by child and family characteristics: 1995

Child and family characteristics	Number of children, age 0 to 5, in thousands	Percent in center-based programs	Average hours per week in noncare [1]	Percentage distribution, by type of primary care arrangement: Head Start	Other center-based	Parental care only	Family child care	Sitter	Relative
1	2	3	4	5	6	7	8	9	10
Total preschool children [2]	**21,414**	**26 (0.5)**	**30 (0.3)**	**3 (0.2)**	**23 (0.5)**	**41 (0.9)**	**13 (0.6)**	**3 (0.2)**	**17 (0.5)**
Age									
Under 1 year	4,158	6 (0.9)	31 (0.9)	— —	6 (0.9)	56 (1.6)	14 (1.0)	3 (0.5)	21 (1.2)
1 year old	4,027	10 (0.8)	32 (0.7)	— —	10 (0.8)	51 (1.7)	15 (1.0)	3 (0.5)	20 (1.2)
2 years old	4,007	17 (0.8)	30 (0.6)	— —	17 (0.8)	47 (1.6)	15 (1.2)	4 (0.6)	17 (1.0)
3 years old	4,123	35 (1.4)	29 (0.5)	4 (0.5)	31 (1.3)	33 (1.9)	13 (1.1)	3 (0.6)	17 (1.2)
4 years old	4,061	55 (1.4)	28 (0.5)	10 (0.8)	44 (1.5)	23 (1.3)	9 (0.9)	2 (0.4)	11 (0.8)
5 years old	1,038	64 (2.6)	28 (1.1)	12 (2.1)	52 (2.4)	16 (1.8)	9 (1.5)	2 (0.6)	8 (1.7)
Race/ethnicity.									
White, non-Hispanic	13,996	28 (0.7)	28 (0.4)	2 (0.2)	26 (0.7)	39 (1.1)	15 (0.8)	4 (0.4)	14 (0.6)
Black non-Hispanic	3,338	29 (1.8)	36 (0.8)	8 (0.8)	21 (1.6)	35 (2.1)	9 (1.0)	1 (0.3)	25 (1.6)
Hispanic	2,838	15 (0.9)	31 (0.7)	4 (0.6)	11 (0.9)	54 (1.7)	8 (0.8)	2 (0.4)	20 (1.2)
Other	1,243	25 (2.5)	33 (1.2)	4 (1.4)	20 (2.5)	43 (3.0)	9 (1.6)	2 (0.8)	21 (2.6)
Mother's employment status [3]									
Currently employed	11,002	30 (0.7)	33 (0.4)	2 (0.2)	28 (0.7)	18 (0.8)	22 (0.9)	4 (0.4)	26 (0.8)
35 or more hours/week	7,018	32 (0.8)	38 (0.4)	3 (0.3)	29 (0.9)	13 (0.8)	24 (1.1)	4 (0.4)	27 (1.0)
Less than 35 hours/ week	3,983	28 (1.4)	23 (0.5)	2 (0.4)	26 (1.3)	27 (1.6)	18 (1.3)	4 (0.7)	23 (1.5)
Looking for work	1,615	24 (2.9)	26 (1.1)	6 (1.1)	18 (2.7)	58 (3.1)	3 (0.7)	0 (0.2)	14 (1.8)
Not in labor force	8,150	21 (0.8)	18 (0.6)	3 (0.4)	18 (0.7)	69 (1.1)	3 (0.4)	2 (0.3)	6 (0.5)
Mother's highest education [3]									
Less than high school	3,767	16 (1.4)	31 (0.7)	6 (0.7)	10 (1.3)	59 (1.9)	6 (1.0)	1 (0.4)	18 (1.3)
High school	7,182	22 (0.9)	29 (0.5)	4 (0.4)	19 (0.9)	44 (1.3)	13 (0.9)	2 (0.3)	19 (1.0)
Some postsecondary	5,106	30 (1.0)	30 (0.5)	2 (0.4)	27 (0.9)	34 (1.7)	15 (1.2)	1 (0.4)	19 (1.0)
Bachelor's or higher degree	4,711	36 (1.4)	29 (0.5)	1 (0.2)	36 (1.4)	29 (1.4)	17 (0.9)	7 (0.9)	11 (0.9)
Mother in household									
No	648	30 (3.3)	37 (1.8)	9 (2.1)	21 (3.1)	39 (4.3)	10 (2.1)	5 (1.8)	16 (2.4)
Yes	20,766	26 (0.6)	30 (0.3)	3 (0.2)	23 (0.6)	41 (0.9)	13 (0.6)	3 (0.3)	17 (0.5)
Household structure [4]									
Two parents	15,732	26 (0.6)	27 (0.4)	2 (0.2)	24 (0.6)	43 (1.0)	14 (0.7)	3 (0.3)	14 (0.5)
One parent	5,276	28 (1.4)	36 (0.5)	6 (0.7)	21 (1.4)	34 (1.5)	11 (0.9)	2 (0.4)	26 (1.4)
Household income									
$15,000 or less	6,016	22 (1.2)	31 (0.5)	7 (0.6)	15 (1.2)	50 (1.7)	8 (0.9)	1 (0.3)	20 (1.2)
$15,001 to $25,000	2,991	21 (1.3)	31 (1.1)	4 (0.7)	17 (1.2)	50 (1.9)	10 (1.1)	2 (0.4)	17 (1.3)
$25,001 to $35,000	3,235	23 (1.3)	30 (0.6)	3 (0.6)	20 (1.3)	42 (2.0)	14 (1.2)	2 (0.4)	19 (1.3)
$35,001 to $50,000	3,899	26 (1.2)	28 (0.8)	1 (0.4)	24 (1.3)	39 (1.5)	16 (1.4)	3 (0.7)	16 (1.0)
More than $50,000	5,274	37 (1.2)	29 (0.5)	1 (0.1)	37 (1.2)	26 (1.4)	18 (1.1)	7 (0.7)	13 (0.9)
In poverty									
Yes	5,737	21 (1.3)	30 (0.5)	7 (0.6)	14 (1.2)	52 (1.9)	7 (0.9)	1 (0.3)	19 (1.3)
No	15,677	28 (0.5)	30 (0.4)	2 (0.2)	26 (0.5)	37 (0.8)	15 (0.6)	4 (0.3)	16 (0.5)
Household size									
2 or 3 persons	6,176	28 (0.9)	33 (0.5)	4 (0.4)	24 (1.0)	34 (1.0)	17 (0.9)	2 (0.2)	19 (0.9)
4 persons	8,016	29 (1.1)	29 (0.5)	3 (0.3)	26 (1.0)	38 (1.2)	14 (0.9)	3 (0.4)	15 (0.7)
5 persons	4,046	26 (1.4)	26 (0.7)	3 (0.5)	23 (1.4)	46 (1.7)	9 (1.0)	4 (0.7)	15 (1.2)
6 or more persons	3,177	18 (1.4)	31 (1.1)	4 (0.6)	14 (1.3)	54 (3.0)	6 (1.0)	3 (0.8)	18 (1.9)
Home language [3]									
English	18,813	28 (0.6)	30 (0.3)	3 (0.2)	25 (0.6)	39 (1.0)	14 (0.7)	3 (0.3)	17 (0.5)
Non-English	1,954	14 (1.1)	30 (1.0)	4 (0.7)	11 (1.0)	62 (2.2)	7 (1.1)	2 (0.4)	16 (1.4)
Mother's age at first birth [3]									
Less than 18	2,554	21 (2.1)	34 (1.1)	7 (1.3)	14 (1.8)	46 (2.5)	9 (1.3)	2 (0.7)	23 (2.0)
18 or 19	3,066	20 (1.6)	30 (0.9)	5 (0.8)	15 (1.5)	49 (1.9)	9 (1.0)	2 (0.5)	21 (1.4)
20 or older	15,147	29 (0.6)	29 (0.4)	2 (0.2)	26 (0.6)	38 (1.0)	14 (0.7)	3 (0.3)	15 (0.5)
Urbanicity									
Nonmetropolitan	5,015	26 (1.3)	30 (0.6)	3 (0.5)	22 (1.2)	39 (2.0)	15 (1.1)	2 (0.5)	18 (1.3)
Metropolitan	16,400	27 (0.6)	30 (0.3)	3 (0.2)	23 (0.5)	41 (0.8)	12 (0.5)	3 (0.3)	17 (0.6)

—Not available.

[1] Mean hours per week in nonparental care among preschool children enrolled in nonparental care arrangements.

[2] Excludes children who have entered kindergarten.

[3] Excludes data for households with no mother present in household.

[4] Excludes children living apart from their parents.

NOTE: A child's "primary arrangement" was defined as the regular nonparental care arrangement or early childhood education program in which the child spent the most time per week. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey (NHES), *Characteristics of Children's Early Care and Education Programs: Data from the 1995 National Household Education Survey.* (This table was prepared November 2000.)

Table 45.—Child care arrangements of preschool children, by age, race/ethnicity, and household income: 1991, 1995, and 1999

Characteristics	Total	Age			Race/ethnicity				Household income						
		3 years old	4 years old	5 years old	White, non-Hispanic	Black, non-Hispanic	Hispanic	Other	$10,000 or less	$10,001 to $20,000	$20,001 to $30,000	$30,001 to $40,000	$40,001 to $50,000	$50,001 to $75,000	More than $75,000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1991															
Children[1]															
In thousands	8,428	3,749	3,636	1,044	5,867	1,239	1,002	319	1,495	1,437	1,711	1,319	936	974	556
Percent	100.0	44.5	43.1	12.4	69.6	14.7	11.9	3.8	17.7	17.0	20.3	15.7	11.1	11.6	6.6
Percent in nonparental arrangements[2]															
Relative care	16.9	16.1	18.1	15.6	14.8	24.1	19.5	19.3	16.8	19.3	18.9	15.9	16.6	15.6	9.6
Nonrelative care	14.8	14.8	14.8	15.0	17.3	7.9	9.7	12.1	6.3	11.8	12.9	15.7	21.4	21.9	25.9
Center based programs[3]	52.8	42.3	60.4	63.9	54.0	58.2	38.9	53.2	44.9	44.5	44.5	53.2	60.0	68.4	80.4
Percent with parental care only	31.0	37.8	25.9	24.3	30.6	25.0	40.6	32.6	42.4	35.9	38.5	29.7	23.1	15.2	8.8
1995															
Children[1]															
In thousands	9,232	4,126	4,065	1,041	6,337	1,396	1,042	457	1,795	1,204	1,484	1,319	1,037	1,381	1,012
Percent	100.0	44.7	44.0	11.3	68.6	15.1	11.3	5.0	19.4	13.0	16.1	14.3	11.2	15.0	11.0
Percent in nonparental arrangements[2]															
Relative care	19.4	21.4	18.3	15.1	16.5	28.6	22.8	22.6	18.1	25.2	20.7	20.0	18.1	18.8	13.7
Nonrelative care	16.9	18.5	15.3	17.2	19.4	11.3	12.5	10.5	10.5	15.1	13.5	20.3	19.8	19.1	25.2
Center based programs[3]	55.1	40.7	64.7	74.5	56.9	59.5	37.4	56.7	48.8	44.6	45.5	46.1	55.5	71.1	82.2
Percent with parental care only	25.9	32.0	22.2	16.2	25.2	20.3	38.4	24.2	34.4	32.7	34.2	29.7	23.1	11.8	7.8
1999															
Children[1]															
In thousands	8,525	3,814	3,705	1,006	5,389	1,214	1,376	547	1,064	1,342	1,333	1,098	848	1,397	1,443
Percent	100.0	44.7	43.5	11.8	63.2	14.2	16.1	6.4	12.5	15.7	15.6	12.9	9.9	16.4	16.9
Percent in nonparental arrangements[2]															
Relative care	22.8	24.4	22.0	20.2	18.8	33.4	26.5	30.2	27.5	29.4	27.1	22.5	21.3	17.3	15.9
Nonrelative care	16.1	16.2	15.9	16.1	19.4	7.4	12.7	10.4	13.2	13.7	12.5	14.7	13.6	21.0	21.3
Center based programs[3]	59.7	45.7	69.6	76.5	60.0	73.2	44.2	66.1	55.9	51.1	51.4	55.4	60.2	66.6	74.6
Percent with parental care only	23.1	30.8	17.7	13.5	23.2	13.7	33.4	16.6	27.5	27.7	29.8	24.8	23.1	17.8	13.1
Standard errors for 1999															
Percent	0.9	0.6	0.6	0.3	0.7	0.4	0.3	0.2	0.3	0.4	0.3	0.2	0.2	0.3	0.3
Percent in nonparental arrangements[2]															
Relative care	0.8	1.3	1.2	2.3	1.0	2.5	1.9	3.9	3.1	2.4	2.2	2	2.4	1.6	1.6
Nonrelative care	0.7	1.1	1.1	2.2	1.0	1.3	1.4	2.1	2.5	1.8	1.6	1.8	2.0	1.9	1.9
Center based programs[3]	1.0	1.5	1.4	2.4	1.3	2.4	2.2	3.7	3.4	2.7	2.4	2.5	2.9	2.2	2.0
Percent with parental care only	0.8	1.4	1.2	2.0	1.1	1.9	2.1	3.0	3.1	2.4	2.2	2.2	2.4	1.8	1.6

[1] Estimates are based only on children 3 to 5 years old who have not entered kindergarten.

[2] Rows do not add up to 100.0 because some children participated in more than one type of nonparental arrangement.

[3] Center based programs include day care centers, nursery schools, prekindergarten, preschools and Head Start programs.

NOTE: Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Household Education Survey (NHES)*, 1991, 1995, and 1999. (This table was prepared August 2001.)

Table 46.—Children of prekindergarten through second grade age, by enrollment status, maternal characteristics, and household income: 1991, 1995, and 1999

Maternal characteristics and household income	3- to 5-year-olds, not enrolled in school [1]			Enrolled in nursery school or prekindergarten			Enrolled in kindergarten			Enrolled in 1st grade			Enrolled in 2nd grade		
	1991	1995	1999	1991	1995	1999	1991	1995	1999	1991	1995	1999	1991	1995	1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Total children, in thousands	**4,853**	**4,595**	**4,037 (58)**	**3,571**	**4,655**	**4,510 (52)**	**4,022**	**4,149**	**3,948 (65)**	**4,001**	**4,025**	**4,540 (154)**	**3,724**	**3,777**	**4,083 (78)**
	Percent distribution														
Mother's highest education [2]	100.0	100.0	100.0 —	100.0	100.0	100.0 —	100.0	100.0	100.0 —	100.0	100.0	100.0 —	100.0	100.0	100.0 —
Less than high school	18.2	22.1	20.6 (1.2)	8.2	9.8	10.4 (0.8)	15.8	16.9	16.1 (1.3)	15.6	15.9	17.1 (1.3)	15.5	19.6	18.2 (1.4)
High school diploma [3]	42.8	35.3	33.6 (1.5)	32.2	27.8	26.3 (1.2)	39.6	33.0	31.1 (1.5)	38.4	31.2	30.6 (1.6)	37.7	31.0	29.8 (1.6)
Some postsecondary	22.5	21.3	20.1 (1.2)	28.7	22.8	19.6 (1.0)	24.1	21.7	18.5 (1.3)	24.0	23.6	19.8 (1.2)	26.1	20.6	16.9 (1.4)
Associate degree	3.6	7.0	7.0 (0.8)	4.5	8.6	9.6 (0.7)	4.0	7.0	8.3 (0.9)	3.5	7.3	7.9 (0.9)	4.3	7.6	10.3 (0.9)
Bachelor's degree	9.2	9.6	13.3 (1.0)	16.5	18.9	22.1 (1.1)	11.4	13.5	15.4 (1.1)	11.7	13.7	15.8 (1.1)	10.0	12.9	15.2 (1.2)
Graduate/professional school	3.7	4.7	5.5 (0.6)	9.9	12.1	11.9 (0.9)	5.0	7.9	10.6 (1.0)	6.7	8.3	8.8 (0.8)	6.4	8.3	7.6 (0.8)
Mother's employment status [2]	100.0	100.0	100.0 —	100.0	100.0	100.0 —	100.0	100.0	100.0 —	100.0	100.0	100.0 —	100.0	100.0	100.0 —
Working 35 hours/week or more	33.8	33.4	36.1 (1.5)	34.0	38.4	42.7 (1.3)	35.3	35.9	43.6 (1.6)	38.2	38.5	43.4 (1.6)	38.9	40.5	44.5 (1.7)
Working less than 35 hours/week	20.6	17.8	21.0 (1.3)	26.7	23.7	23.3 (1.1)	21.5	20.8	22.2 (1.4)	23.9	20.8	23.4 (1.4)	22.3	21.4	22.1 (1.5)
Looking for work	7.0	6.8	5.9 (0.7)	5.2	5.9	4.9 (0.6)	6.5	5.6	5.3 (0.7)	6.1	5.0	4.4 (0.7)	6.6	5.4	4.0 (0.7)
Not in labor force	38.6	42.0	36.9 (1.5)	34.1	32.0	29.2 (1.2)	36.7	37.7	28.9 (1.5)	31.7	35.6	28.8 (1.5)	32.1	32.7	29.5 (1.6)
Household income	100.0	100.0	100.0 —	100.0	100.0	100.0 —	100.0	100.0	100.0 —	100.0	100.0	100.0 —	100.0	100.0	100.0 —
$10,000 or less	19.6	22.7	14.5 (1.3)	15.2	16.2	10.8 (0.9)	17.9	19.4	13.4 (1.2)	18.7	17.4	15.6 (1.4)	18.2	19.5	14.7 (1.5)
$10,001 to $20,000	19.3	15.7	19.5 (1.3)	14.0	10.4	12.6 (0.9)	16.5	12.6	13.2 (1.1)	16.9	13.2	13.8 (1.1)	16.9	11.6	15.3 (1.2)
$20,001 to $30,000	23.0	19.1	17.3 (1.1)	16.6	13.0	14.1 (0.9)	20.8	15.8	15.3 (1.1)	20.2	16.6	15.2 (1.2)	18.9	16.5	16.2 (1.3)
$30,001 to $40,000	15.9	16.2	14.6 (1.0)	15.6	12.3	11.4 (0.7)	14.8	15.1	14.6 (1.1)	15.1	14.1	12.8 (1.0)	15.4	16.1	11.3 (1.0)
$40,001 to $50,000	10.4	11.0	9.9 (0.8)	12.1	11.5	9.9 (0.7)	11.5	11.7	9.8 (0.9)	10.8	11.1	10.2 (0.9)	12.0	11.3	10.4 (0.9)
$50,001 to $75,000	8.5	10.5	12.9 (0.9)	15.7	19.3	19.4 (1.0)	11.7	14.4	15.9 (1.1)	11.1	15.6	16.1 (1.1)	11.8	15.0	15.2 (1.1)
More than $75,000	3.3	4.7	11.3 (0.9)	10.9	17.1	21.9 (1.1)	6.8	11.1	17.8 (1.2)	7.2	12.1	16.4 (1.1)	6.9	10.1	16.9 (1.2)

—Not applicable.

[1] Includes a very small number of older children of first and second grade age.

[2] Excludes data for households with no mother present.

[3] Includes equivalency certificates.

NOTE: Detail may not sum to totals due to rounding. Some data have been revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey (NHES), 1991, 1995, and 1999. (This table was prepared September 2001.)

Table 47.—Participation of public kindergarten children in selected activities 5 days a week, by length and size of class and teacher preparation: Spring 1993

Activity	Total	Percent of kindergarten classes participating in activity every day						
		Length of kindergarten class		Size of kindergarten class			Teacher majored in early childhood education	
		Full-day	Half-day	Less than 20	20 to 25	More than 25	Yes	No
1	2	3	4	5	6	7	8	9
Listening to stories read aloud	90	91	90	87	92	91	91	89
Running, climbing, jumping, and other gross motor activities	58	72	48	55	57	64	60	56
Free play	66	72	62	64	67	67	67	66
Choosing from a set of specific options (like building blocks, objects, or books)	69	72	67	69	71	65	72	66
Using objects for math or science	49	61	41	48	51	48	53	45
Dramatic play, arts and crafts, music (creative activities)	64	66	63	62	65	66	68	60
Using worksheets for literacy skills	14	25	13	21	18	17	19	18
Using worksheets for math or science	18	20	9	17	12	15	16	12

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System *Public School Kindergarten Teachers' Views on Children's Readiness for School*. (This table was prepared April 1994.)

Table 48.—Children's mean reading, mathematics and general knowledge performance in kindergarten and first grade, by child and family characteristics: Fall 1998, spring 1999, fall 1999, and spring 2000

Child and family characteristics	General knowledge performance [1]				Reading overall performance [1]				Reading, percent reading sight words [1]				Mathematics, overall performance [1]				Mathematics, percent with addition and subtraction skills [2]			
	Kindergarten		1st grade		Kindergarten		1st grade		Kindergarten		1st grade		Kindergarten		1st grade		Kindergarten		1st grade	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	Student performance																			
Total	**22.7**	**27.7**	**30.9**	**35.5**	**22.9**	**33.0**	**38.7**	**55.7**	**2.7**	**13.6**	**25.8**	**78.3**	**19.8**	**28.0**	**33.0**	**43.8**	**4.4**	**17.5**	**35.0**	**74.0**
Sex																				
Male	23.0	28.1	31.3	35.9	22.5	32.0	37.7	54.5	2.8	11.9	23.3	74.9	20.1	28.2	33.5	44.1	4.4	18.4	35.9	73.8
Female	22.4	27.4	30.4	35.1	23.4	34.1	39.7	56.9	2.6	15.3	28.3	81.8	19.6	27.7	33.0	43.5	3.0	16.7	33.0	73.6
Race/ethnicity																				
White, non-Hispanic	24.9	30.0	33.1	37.5	24.2	34.8	40.4	57.9	3.2	15.9	29.3	83.3	21.3	29.7	35.2	45.7	4.9	21.9	40.8	79.7
Black, non-Hispanic	17.5	22.4	25.9	30.7	20.3	29.7	34.6	50.4	0.8	7.9	16.7	67.1	16.7	23.9	28.8	39.2	0.8	7.2	20.0	58.8
Hispanic	19.6	25.2	28.0	33.2	20.6	30.6	36.1	52.7	1.7	9.7	20.0	71.5	17.5	25.5	30.9	41.7	1.7	11.7	25.9	67.5
Asian/Pacific Islander	19.9	25.0	28.0	32.5	27.0	37.3	43.5	59.3	10.6	28.0	39.0	82.0	21.2	28.8	35.0	43.1	6.9	23.7	40.0	70.0
Parent education																				
Less than high school	16.3	21.9	24.9	29.8	17.4	26.7	30.7	46.2	([3])	2.9	7.7	57.0	14.5	21.7	26.4	37.8	([3])	3.6	13.7	53.9
High school	19.9	24.6	27.6	32.6	20.1	30.0	34.8	52.0	1.3	7.3	16.0	70.0	17.3	24.8	30.1	40.5	1.2	9.8	23.4	63.3
Some college	22.4	27.6	30.9	36.0	22.3	32.5	38.2	55.2	1.7	11.2	24.2	80.0	19.3	27.6	32.9	43.7	2.3	14.6	31.7	74.7
Bachelor's or higher	26.7	31.9	34.9	39.2	27.3	38.1	44.1	61.8	5.4	23.9	39.8	89.0	23.8	32.3	38.0	48.0	8.2	30.4	51.4	84.9
Socioeconomic status																				
Lowest 20 percent	16.6	21.6	24.4	29.4	17.5	26.7	30.9	46.1	([3])	4.0	8.1	55.9	14.7	21.8	26.4	37.2	([3])	4.4	14.2	51.6
Middle 60 percent	22.4	27.6	30.7	36.0	22.5	32.8	38.3	55.6	1.8	11.6	24.3	79.9	19.5	27.7	33.0	43.7	2.5	15.4	32.6	74.3
Highest 20 percent	27.8	32.7	35.9	39.9	28.2	39.2	45.2	62.5	6.8	26.5	42.6	89.7	24.6	33.1	38.9	48.6	9.6	32.9	54.4	87.0
	Standard errors																			
Total	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**	**0.5**	**0.5**	**0.3**	**0.8**	**1.3**	**1.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.8**	**1.1**	**1.2**
Sex																				
Male	0.3	0.4	0.4	0.3	0.4	0.4	0.6	0.6	0.5	1.0	1.6	1.6	0.3	0.4	0.4	0.5	0.4	1.0	1.3	1.6
Female	0.3	0.3	0.4	0.3	0.3	0.4	0.5	0.5	0.4	1.0	1.4	1.4	0.3	0.3	0.3	0.3	0.3	0.9	1.2	1.2
Race/ethnicity																				
White, non-Hispanic	0.3	0.3	0.3	0.2	0.3	0.4	0.5	0.5	0.4	1.0	1.4	1.4	0.3	0.3	0.3	0.4	0.4	0.9	1.3	1.3
Black, non-Hispanic	0.3	0.4	0.5	0.5	0.3	0.5	0.6	0.6	0.3	1.3	1.8	2.1	0.3	0.4	0.4	0.5	0.2	0.9	1.2	2.0
Hispanic	0.5	0.4	0.4	0.4	0.5	0.6	0.7	1.0	0.5	1.1	2.4	3.0	0.4	0.5	0.6	0.6	0.4	1.1	1.7	2.5
Asian/Pacific Islander	1.0	0.9	1.1	1.0	1.6	1.9	2.1	2.1	2.9	4.8	5.6	5.0	1.0	1.5	1.5	1.4	2.6	4.3	5.2	5.5
Parent education																				
Less than high school	0.4	0.6	0.7	0.6	0.5	0.6	0.8	1.1	0.0	1.0	1.5	3.1	0.4	0.5	0.7	1.0	0.0	0.6	2.3	3.9
High school	0.4	0.5	0.5	0.5	0.5	0.6	0.7	0.8	0.7	1.2	1.8	2.1	0.4	0.4	0.5	0.6	0.3	1.0	1.9	2.3
Some college	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.4	0.8	1.6	1.4	0.3	0.3	0.4	0.3	0.3	0.9	1.2	1.3
Bachelor's or higher	0.3	0.3	0.3	0.2	0.5	0.6	0.6	0.6	0.7	1.6	2.0	1.1	0.4	0.4	0.4	0.4	0.8	1.4	1.5	1.2
Socioeconomic status																				
Lowest 20 percent	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.9	0.3	1.0	1.4	2.3	0.3	0.5	0.5	0.7	0.2	0.6	1.5	2.4
Middle 60 percent	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.3	0.8	1.4	1.5	0.3	0.3	0.3	0.4	0.3	0.8	1.1	1.3
Highest 20 percent	0.4	0.4	0.4	0.3	0.6	0.7	0.7	0.7	1.0	2.0	2.3	1.3	0.4	0.5	0.5	0.4	1.0	1.8	1.8	1.3

[1] Performance estimates are mean scale scores. Scale scores range as follows: General knowledge, 0–51; Reading, 0–92; and Mathematics, 0–64.

[2] Student was assumed to have mastered a particular skill if at least three of the four items in the subject cluster were answered correctly.

[3] Less than .05 percent.

NOTE: Estimates based on children who entered kindergarten for the first time in the fall of 1998 and were assessed in English for all four rounds of data collection. Approximately 67 percent of Hispanic children and 82 percent of Asian children were assessed in English in all four rounds of data collection. First grade estimates include children promoted to first grade on time and also include the scores of the small percentage of children (i.e., 5 percent) who repeated kindergarten in 1999–2000.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 1998–99, First Grade, Restricted-Use Files. (This table was prepared September 2001.)

Table 49.—Percentage of kindergarten teachers and parents indicating the importance of various factors for kindergarten readiness, by school type: Fall 1998

Teacher and parent perception of student skills	Perception of importance for public school children					Perception of importance for private school children				
	Not important	Not very important	Somewhat important	Very important	Essential	Not important	Not very important	Somewhat important	Very important	Essential
1	2	3	4	5	6	7	8	9	10	11
Kindergarten teachers [1]										
Can count to 20 or more	12 (0.7)	38 (1.3)	38 (1.2)	11 (0.7)	2 (0.3)	10 (2.0)	37 (3.1)	34 (3.0)	12 (2.0)	6 (2.3)
Knows most of the alphabet	9 (0.7)	30 (1.2)	43 (1.2)	14 (0.9)	4 (0.5)	6 (1.4)	26 (2.8)	41 (2.7)	19 (2.6)	8 (2.3)
Takes turns and shares	(2) (0.1)	1 (0.2)	25 (1.1)	58 (1.4)	16 (1.0)	(2) (0.3)	1 (0.4)	25 (2.5)	58 (3.2)	16 (2.4)
Sits still and pays attention	1 (0.2)	4 (0.4)	36 (1.4)	47 (1.3)	13 (0.8)	1 (0.5)	3 (1.1)	35 (3.8)	52 (3.1)	10 (2.7)
Is able to use pencils and paint brushes	4 (0.5)	14 (0.9)	47 (1.3)	29 (1.5)	6 (0.5)	5 (1.4)	12 (2.2)	42 (3.1)	32 (3.3)	9 (2.5)
Kindergarten parents [3]										
Can count to 20 or more	1 (0.1)	6 (0.3)	30 (0.6)	46 (0.7)	17 (0.4)	2 (0.2)	9 (0.6)	33 (1.0)	35 (1.1)	21 (1.0)
Knows most of the alphabet	1 (0.1)	4 (0.3)	25 (0.6)	51 (0.8)	19 (0.4)	1 (0.2)	7 (0.6)	29 (1.1)	41 (1.0)	22 (1.0)
Takes turns and shares	(2) (0.0)	(2) (0.0)	5 (0.2)	63 (0.6)	32 (0.6)	(2) (0.0)	(2) (0.1)	7 (0.5)	55 (1.0)	38 (0.9)
Sits still and pays attention	(2) (0.0)	1 (0.1)	14 (0.5)	60 (0.6)	25 (0.5)	(2) (0.1)	2 (0.3)	22 (1.1)	51 (0.9)	25 (0.8)
Is able to use pencils and paint brushes	(2) (0.1)	2 (0.2)	23 (0.5)	53 (0.7)	21 (0.4)	(2) (0.1)	3 (0.4)	27 (1.0)	43 (1.1)	26 (0.9)

[1] Estimates pertaining to teachers are based on the responses of a nationally representative sample of kindergarten teachers.

[2] Less than .5 percent.

[3] Estimates pertaining to parents are based on the responses of a nationally representative sample of kindergarten children's parents.

NOTE: Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 1998–99, Public-Use Base-Year File. (This table was prepared September 2001.)

Table 50.—Percentage distribution of kindergarten teachers' time spent on certain instructional approaches, by program and school type: Fall 1998

Length of school day and instructional approach	Public school kindergarten teachers [1]					Private school kindergarten teachers [1]				
	No time	Half hour or less	About one hour	About two hours	Three hours or more	No time	Half hour or less	About one hour	About two hours	Three hours or more
1	2	3	4	5	6	7	8	9	10	11
Full-day programs										
Teacher-directed:										
Whole class activities	(2) (0.1)	4 (0.7)	28 (1.8)	43 (1.4)	25 (1.6)	(2) (2)	15 (3.9)	23 (3.8)	25 (3.3)	37 (4.0)
Small group activities	1 (0.2)	18 (1.4)	46 (2.5)	28 (2.3)	8 (1.2)	6 (2.9)	33 (4.1)	42 (3.8)	16 (2.9)	3 (1.2)
Individual activities	2 (0.5)	53 (1.7)	35 (1.3)	9 (1.0)	1 (0.4)	5 (1.4)	55 (3.9)	29 (3.2)	6 (1.8)	6 (1.5)
Child selected activities	2 (0.3)	31 (1.8)	52 (2.0)	13 (1.0)	2 (0.5)	3 (1.6)	35 (3.6)	45 (4.2)	11 (2.5)	6 (2.0)
Part-day programs										
Teacher-directed:										
Whole class activities	(2) (0.3)	15 (1.3)	52 (1.9)	27 (2.0)	5 (0.8)	(2) (2)	27 (6.8)	40 (6.9)	30 (5.2)	3 (2.1)
Small group activities	2 (0.5)	36 (2.5)	46 (2.3)	15 (1.6)	1 (0.4)	3 (2.2)	62 (5.7)	26 (5.5)	7 (2.4)	1 (1.2)
Individual activities	9 (1.2)	73 (2.0)	15 (1.6)	2 (0.5)	1 (0.3)	9 (3.9)	72 (6.6)	13 (4.1)	5 (2.7)	2 (1.6)
Child selected activities	3 (0.6)	63 (1.9)	29 (1.7)	4 (1.0)	(2) (0.2)	3 (2.0)	41 (5.6)	41 (4.9)	12 (5.8)	3 (1.8)

[1] Estimates are based on the responses of a nationally representative sample of kindergarten teachers.

[2] Less than .5 percent.

NOTE: Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 1998–99, Public-Use Base-Year File. (This table was prepared September 2001.)

Table 51.—Public school pupils transported at public expense and current expenditures for transportation: 1929–30 to 1998–99

School year	Average daily attendance, all students	Pupils transported at public expense		Expenditures for transportation (in current dollars)		Expenditures for transportation (in constant 1998–99 dollars)	
		Number	Percent of total	Total[1] (in thousands)	Average per pupil transported	Total[1] (in thousands)	Average per pupil transported
1	2	3	4	5	6	7	8
1929–30	21,265,000	1,902,826	8.9	$54,823	$29	$527,002	$277
1931–32	22,245,000	2,419,173	10.9	58,078	24	662,847	274
1933–34	22,458,000	2,794,724	12.4	53,908	19	669,848	240
1935–36	22,299,000	3,250,658	14.6	62,653	19	750,186	231
1937–38	22,298,000	3,769,242	16.9	75,637	20	868,793	230
1939–40	22,042,000	4,144,161	18.8	83,283	20	980,576	237
1941–42	21,031,000	4,503,081	21.4	92,922	21	980,604	218
1943–44	19,603,000	4,512,412	23.0	107,754	24	1,017,507	225
1945–46	19,849,000	5,056,966	25.5	129,756	26	1,170,393	231
1947–48	20,910,000	5,854,041	28.0	176,265	30	1,244,764	213
1949–50	22,284,000	6,947,384	31.2	214,504	31	1,490,306	215
1951–52	23,257,000	7,697,130	33.1	268,827	35	1,682,964	219
1953–54	25,643,871	8,411,719	32.8	307,437	37	1,881,091	224
1955–56	27,740,149	9,695,819	35.0	353,972	37	2,166,546	223
1957–58	29,722,275	10,861,689	36.5	416,491	38	2,399,687	221
1959–60	32,477,440	12,225,142	37.6	486,338	40	2,723,446	223
1961–62	34,682,340	13,222,667	38.1	576,361	44	3,155,087	239
1963–64	37,405,058	14,475,778	38.7	673,845	47	3,594,962	248
1965–66	39,154,497	15,536,567	39.7	787,358	51	4,060,219	261
1967–68	40,827,965	17,130,873	42.0	981,006	57	4,746,433	277
1969–70	41,934,376	18,198,577	43.4	1,218,557	67	5,307,844	292
1971–72	42,254,272	19,474,355	46.1	1,507,830	77	6,029,195	310
1973–74	41,438,054	21,347,039	51.5	1,858,141	87	6,557,474	307
1975–76	41,269,720	21,772,483	52.8	2,377,313	109	7,053,407	324
1977–78	40,079,590	[2]21,800,000	54.4	2,731,041	[2]125	7,174,667	[2]329
1979–80	38,288,911	21,713,515	56.7	3,833,145	177	8,124,294	374
1980–81	37,703,744	[2]22,272,000	59.1	[2]4,408,000	[2]198	[2]8,373,000	[2]376
1981–82	37,094,652	[2]22,246,000	60.0	[2]4,793,000	[2]215	[2]8,380,000	[2]377
1982–83	36,635,868	[2]22,199,000	60.6	[2]5,000,000	[2]225	[2]8,382,000	[2]378
1983–84	36,362,978	[2]22,031,000	60.6	[2]5,284,000	[2]240	[2]8,542,000	[2]388
1984–85	36,404,261	[2]22,320,000	61.3	[2]5,722,000	[2]256	[2]8,902,000	[2]399
1985–86	36,523,103	[2]22,041,000	60.3	[2]6,123,000	[2]278	[2]9,259,000	[2]420
1986–87	36,863,867	[2]22,397,000	60.8	[2]6,551,000	[2]292	[2]9,691,000	[2]433
1987–88	37,050,707	[2]22,158,000	59.8	[2]6,888,000	[2]311	[2]9,784,000	[2]442
1988–89	37,268,072	[2]22,635,000	60.7	[2]7,550,000	[2]334	[2]10,251,000	[2]453
1989–90	37,799,296	[2]22,459,000	59.4	8,030,990	[2]358	10,407,050	[2]463
1990–91	38,426,543	[2]22,000,000	57.3	8,678,954	[2]394	10,663,713	[2]485
1991–92	38,960,783	[2]23,165,000	59.5	8,769,754	[2]379	10,440,733	[2]451
1992–93	39,570,462	[2]23,439,000	59.2	9,252,300	[2]395	10,681,579	[2]456
1993–94	40,146,393	[2]23,858,000	59.4	9,627,155	[2]404	10,833,702	[2]454
1994–95	40,720,763	[2]23,693,000	58.2	9,889,034	[2]417	10,818,317	[2]457
1995–96	41,501,596	[2]24,155,000	58.2	10,396,426	[2]430	11,072,160	[2]458
1996–97	42,262,004	[2]24,090,000	57.0	10,989,809	[2]456	11,379,447	[2]472
1997–98	42,765,774	[2]24,342,000	56.9	11,465,658	[2]471	11,664,146	[2]479
1998–99	43,187,202	[2]24,857,000	57.6	11,982,509	[2]482	11,982,509	[2]482

[1] Excludes capital outlay for years through 1979–80, and 1989–90 to the latest year. From 1980–81 to 1988–89 total transportation figures include capital outlay.

[2] Estimate based on data appearing in January issues of *School Bus Fleet*.

NOTE: Constant dollars are adjusted for inflation using the Consumer Price Index computed on a school year basis. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education*, Common Core of Data survey; and unpublished data; and Bobit Publishing Co., *School Bus Fleet*, January issues. (This table was prepared November 2001.)

Table 52.—Children 0 to 21 years old served in federally supported programs for the disabled, by type of disability: 1976–77 to 1999–2000

Type of disability	1976–77	1980–81	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number served,[1] in thousands															
All disabilities	**3,694**	**4,144**	**4,439**	**4,529**	**4,631**	**4,761**	**4,941**	**5,111**	**5,309**	**5,378**	**5,573**	**5,729**	**5,903**	**6,054**	**6,195**
Specific learning disabilities	796	1,462	1,928	1,984	2,047	2,129	2,232	2,351	2,408	2,489	2,579	2,649	2,725	2,789	2,834
Speech or language impairments	1,302	1,168	950	964	971	985	996	994	1,014	1,015	1,022	1,043	1,056	1,068	1,080
Mental retardation	961	830	580	560	547	535	537	518	536	555	570	579	589	597	600
Serious emotional disturbance	283	347	371	372	380	390	399	400	414	427	438	445	453	462	469
Hearing impairments	88	79	56	56	57	58	60	60	64	64	67	68	69	70	71
Orthopedic impairments	87	58	46	47	48	49	51	52	56	60	63	66	67	69	71
Other health impairments	141	98	45	50	52	55	58	65	82	106	133	160	190	221	253
Visual impairments	38	31	22	22	22	23	24	23	24	24	25	25	25	26	26
Multiple disabilities	—	68	77	83	86	96	97	102	108	88	93	98	106	106	111
Deaf-blindness	—	3	1	1	2	1	1	1	1	1	1	1	1	2	2
Autism and traumatic brain injury	—	—	—	—	—	—	5	19	24	29	39	44	54	67	79
Developmental delay	—	—	—	—	—	—	—	—	—	—	—	—	4	12	19
Preschool disabled[2]	196	231	332	357	381	390	416	450	487	519	544	552	564	568	581
Infants and toddlers	—	—	30	34	37	51	66	75	92	—	—	—	—	—	—
Percentage distribution of children served															
All disabilities	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Specific learning disabilities	21.5	35.3	43.4	43.8	44.2	44.7	45.2	46.0	45.4	46.3	46.3	46.2	46.2	46.1	45.7
Speech or language impairments	35.2	28.2	21.4	21.3	21.0	20.7	20.2	19.5	19.1	18.9	18.3	18.2	17.9	17.6	17.4
Mental retardation	26.0	20.0	13.1	12.4	11.8	11.2	10.9	10.1	10.1	10.3	10.2	10.1	10.0	9.9	9.7
Serious emotional disturbance	7.7	8.4	8.4	8.2	8.2	8.2	8.1	7.8	7.8	7.9	7.9	7.8	7.7	7.6	7.6
Hearing impairments	2.4	1.9	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
Orthopedic impairments	2.4	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.1	1.1	1.1
Other health impairments	3.8	2.4	1.0	1.1	1.1	1.2	1.2	1.3	1.5	2.0	2.4	2.8	3.2	3.7	4.1
Visual impairments	1.0	0.7	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4
Multiple disabilities	—	1.6	1.7	1.8	1.9	2.0	2.0	2.0	2.0	1.6	1.7	1.7	1.8	1.8	1.8
Deaf-blindness	—	0.1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Autism and traumatic brain injury	—	—	—	—	—	—	0.1	0.4	0.5	0.5	0.7	0.8	0.9	1.1	1.3
Developmental delay	—	—	—	—	—	—	—	—	—	—	—	—	0.1	0.2	0.3
Preschool disabled[2]	5.3	5.6	7.5	7.9	8.2	8.2	8.4	8.8	9.2	9.7	9.8	9.6	9.6	9.4	9.4
Infants and toddlers	—	—	0.7	0.8	0.8	1.1	1.3	1.5	1.7	—	—	—	—	—	—
Number served as a percent of total enrollment[4]															
All disabilities	**8.32**	**10.14**	**11.02**	**11.18**	**11.32**	**11.43**	**11.59**	**11.76**	**12.00**	**12.19**	**12.43**	**12.56**	**12.80**	**13.01**	**13.22**
Specific learning disabilities	1.80	3.58	4.82	4.94	5.05	5.17	5.31	5.49	5.54	5.64	5.75	5.81	5.91	5.99	6.05
Speech or language impairments	2.94	2.86	2.37	2.40	2.40	2.39	2.37	2.32	2.33	2.30	2.28	2.29	2.29	2.29	2.30
Mental retardation	2.17	2.03	1.45	1.39	1.35	1.30	1.28	1.21	1.23	1.26	1.27	1.27	1.28	1.28	1.28
Serious emotional disturbance	0.64	0.85	0.93	0.93	0.94	0.95	0.95	0.93	0.95	0.97	0.98	0.98	0.98	0.99	1.00
Hearing impairments	0.20	0.19	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Orthopedic impairments	0.20	0.14	0.11	0.12	0.12	0.12	0.12	0.12	0.13	0.14	0.14	0.14	0.15	0.15	0.15
Other health impairments	0.32	0.24	0.11	0.12	0.13	0.13	0.14	0.15	0.19	0.24	0.30	0.35	0.41	0.47	0.54
Visual impairments	0.09	0.08	0.05	0.05	0.05	0.06	0.06	0.05	0.06	0.05	0.06	0.05	0.05	0.06	0.06
Multiple disabilities	—	0.17	0.19	0.21	0.21	0.23	0.23	0.24	0.25	0.20	0.21	0.21	0.23	0.23	0.24
Deaf-blindness	—	0.01	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Autism and traumatic brain injury	—	—	—	—	—	—	0.01	0.04	0.06	0.07	0.09	0.10	0.12	0.14	0.17
Developmental delay	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.03	0.04
Preschool disabled[2]	0.44	0.57	0.83	0.89	0.94	0.95	0.99	1.05	1.12	1.18	1.21	1.21	1.22	1.22	1.24
Infants and toddlers	—	—	0.07	0.08	0.09	0.12	0.16	0.18	0.21	—	—	—	—	—	—

—Not available.

[1] Includes students served under Chapter I and Individuals with Disabilities Education Act (IDEA), formerly the Education of the Handicapped Act. Prior to October 1994, children and youth with disabilities were served under the Individuals with Disabilities Education Act, Part B, and Chapter 1 of the Elementary and Secondary Education Act. In October 1994, Congress passed the Improving America's Schools Act in which funding for children and youth with disabilities was consolidated under IDEA, Part B. Data reported in this table for years prior to 1993–94 include children ages 0–21 served under Chapter 1. Data reported in this table for years after 1993–94 reflect children ages 3–21 served under IDEA, Part B.

[2] Includes preschool children 3–5 years served under Chapter I and IDEA, Part B. Prior to 1987–88, these students were included in the counts by disability condition. Beginning in 1987–88, states were no longer required to report preschool children (0–5 years) by disability condition.

[3] Less than 0.05 percent.

[4] Based on the enrollment in public schools, kindergarten through 12th grade, including a relatively small number of prekindergarten students.

[5] Less than .005 percent.

NOTE: Counts are based on reports from the 50 states and District of Columbia only (i.e., figures from outlying areas are not included). Increases since 1987–88 are due in part to new legislation enacted fall 1986, which mandates public school special education services for all disabled children ages 3 through 5. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act*, various years, and unpublished tabulations; and National Center for Education Statistics, Common Core of Data survey. (This table was prepared April 2001.)

Table 53.—Percentage distribution of disabled persons 6 to 21 years old receiving education services for the disabled, by age group and educational environment: United States and outlying areas: 1998–99

Type of disability	All environments	Regular class [1]	Resource room [2]	Separate class [3]	Public separate school facility	Private separate school facility	Public residential facility	Private residential facility	Homebound/ hospital placement
1	2	3	4	5	6	7	8	9	10
All persons, 6 to 21 years old	**100.0**	—	**47.7**	**28.8**	**20.2**	**1.9**	**1.1**	**0.4**	**0.3**
Mental retardation	100.0	13.8	29.2	51.1	4.1	0.9	0.3	0.2	0.4
Speech or language impairments	100.0	88.5	6.6	4.5	0.2	0.1	—	—	0.1
Visual impairments	100.0	49.6	19.4	16.5	4.7	2.1	6.0	1.1	0.6
Emotional disturbance	100.0	25.5	23.0	33.2	7.5	5.8	1.7	1.9	1.4
Orthopedic impairments	100.0	45.6	20.5	27.3	3.7	0.9	0.1	0.1	1.9
Other health impairments	100.0	44.3	33.2	17.2	0.9	0.7	0.1	0.2	3.4
Specific learning disabilities	100.0	45.1	38.4	15.5	0.3	0.3	0.1	0.1	0.2
Deaf-blindness	100.0	14.1	9.4	34.8	18.9	3.7	14.4	2.9	1.7
Multiple disabilities	100.0	10.5	16.6	44.8	16.2	6.7	1.2	1.6	2.3
Hearing impairments	100.0	39.6	18.7	25.3	4.5	2.6	8.2	0.8	0.2
Autism	100.0	20.3	13.1	51.1	7.8	5.7	0.2	1.2	0.4
Traumatic brain injury	100.0	31.2	26.3	29.8	2.6	6.4	0.2	1.1	2.3
Developmental delay	100.0	41.2	28.8	28.3	1.0	0.2	0.1	—	0.4

—Not available.

[1] Regular class is outside regular class less than 21 percent of the school day.

[2] Resource room is outside regular class more than 21 percent of the school day and less than 60 percent of the school day.

[3] Separate class is outside the regular class more than 60 percent of the school day.

NOTE: Data for 3- to 5-year-old children are not collected by disability condition beginning in 1998–99. Disability data are only reported for 6- to 21-year-old students. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act*. (This table was prepared April 2001.)

Table 54.—State legislation on gifted and talented programs and number and percent of students receiving services in public elementary and secondary schools, by state: 1993–94 and 1995–96

State	State-mandated gifted and talented programs, 1995–96 [1]	Discretionary state-supported gifted and talented, 1995–96 [2]	Gifted and talented students receiving services, 1993–94	Gifted and talented students as a percent of enrollment, 1993–94
1	2	3	4	5
Alabama	X		16,522	2.4
Alaska	X		4,696	4.0
Arizona	X		39,200	—
Arkansas	X		34,710	8.0
California		X	290,000	5.0
Colorado		X	—	—
Connecticut	X		16,871	[3]3.5
Delaware		X	—	5.0
District of Columbia	—	—	—	9.0
Florida	X		74,572	3.5
Georgia	—	—	—	5.0
Hawaii	X		18,000	11.0
Idaho	X		—	1.3
Illinois	X		[4]166,234	5.0
Indiana		X	85,192	8.9
Iowa	X		—	4.0
Kansas	X		—	3.1
Kentucky	X		52,600	5.0
Louisiana	X		24,000	3.2
Maine	X		10,100	5.0
Maryland		X	90,222	12.0
Massachusetts		X	—	—
Michigan		X	225,154	14.0
Minnesota		X	55,467	7.2
Mississippi	X		21,678	4.3
Missouri		X	24,877	5.0
Montana	X		—	—
Nebraska	X		18,600	10.0
Nevada		X	8,343	2.0
New Hampshire		X	—	—
New Jersey	—	—	—	—
New Mexico	X		—	—
New York	X		135,000	6.0
North Carolina	X		88,450	8.0
North Dakota		X	1,107	1.0
Ohio	X		244,670	13.0
Oklahoma	X		61,082	10.0
Oregon	X		—	8.5
Pennsylvania	X		79,756	4.6
Rhode Island		X	—	3.5–5.0
South Carolina	X		52,000	10.0
South Dakota		X	6,515	4.4
Tennessee	X		18,626	2.0
Texas	X		248,769	7.0
Utah	X		—	—
Vermont	—	—	—	—
Virginia	X		121,598	9.2
Washington		X	38,781	1.5
West Virginia	X		—	3.5
Wisconsin	X		—	15.0
Wyoming		X	—	3.0
Guam	X		—	—

—Not available.

[1] Mandate requiring identification of and/or services for gifted/talented students.

[2] No mandate requiring identification of or services for gifted/talented students.

[3] Grades 2 through 6 only.

[4] Data for 1991–92.

SOURCE: Council of State Directors of Programs for the Gifted, *The 1994 and 1996 State of the States Gifted and Talented Education Reports*. (This table was prepared July 1997.)

Table 55.—Number of children served under Individuals with Disabilities Education Act and Chapter 1 of the Education Consolidation and Improvement Act, State Operated Programs, by age group and state: 1990–91, 1997–98 to 1999–2000

State	Birth to age 21				Percent of population who are disabled, 1999–2000	Percent change, birth to 21, 1990–91 to 1999–2000	Ages 0 to 5			
	1990–91	1997–98	1998–99	1999–2000			1990–91	1997–98	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11
United States	**4,760,999**	**5,902,980**	**6,054,355**	**6,195,113**	**13.2**	**30.1**	**440,661**	**564,270**	**567,636**	**581,164**
Alabama	94,945	99,220	99,813	99,763	13.5	5.1	7,498	8,195	7,499	7,335
Alaska	14,745	17,844	17,712	17,495	13.0	18.7	1,813	1,839	1,754	1,633
Arizona	57,235	83,811	88,598	93,336	10.9	63.1	4,936	8,571	8,876	9,076
Arkansas	47,835	57,205	59,110	60,864	13.5	27.2	5,274	8,368	8,677	9,031
California	469,282	604,820	623,651	640,815	10.6	36.6	40,489	57,511	56,837	58,491
Colorado	57,102	73,033	75,037	76,948	10.9	34.8	4,894	7,491	7,809	8,067
Connecticut	64,562	76,989	76,740	74,722	13.5	15.7	6,142	7,459	7,443	7,275
Delaware	14,294	16,032	16,233	16,287	14.4	13.9	1,579	1,619	1,664	1,641
District of Columbia	6,290	7,676	8,162	9,348	12.1	48.6	411	384	409	560
Florida	236,013	334,896	345,171	356,198	15.0	50.9	16,387	27,747	28,233	29,363
Georgia	101,997	147,678	155,754	164,374	11.6	61.2	7,333	14,331	15,134	15,922
Hawaii	13,169	18,490	20,551	22,964	12.4	74.4	1,273	1,560	1,646	1,860
Idaho	22,017	26,212	27,553	29,112	11.9	32.2	3,129	3,398	3,466	3,626
Illinois	239,185	272,791	281,137	291,221	14.4	21.8	26,122	26,465	27,220	28,193
Indiana	114,643	142,818	146,559	151,599	15.3	32.2	8,937	13,234	13,778	14,499
Iowa	60,695	69,727	70,958	71,970	14.5	18.6	6,329	5,907	5,577	5,599
Kansas	45,212	56,656	58,425	60,036	12.7	32.8	4,308	6,629	6,933	7,334
Kentucky	79,421	85,972	87,973	91,537	14.1	15.3	11,008	14,999	15,161	15,913
Louisiana	73,663	94,244	95,245	96,632	12.8	31.2	7,541	9,554	9,495	9,671
Maine	27,987	33,762	34,294	35,139	16.8	25.6	2,895	3,676	3,690	3,954
Maryland	91,263	109,084	111,688	111,711	13.2	22.4	10,409	9,646	9,714	9,750
Massachusetts	154,616	163,480	168,964	165,013	17.0	6.7	17,014	15,116	15,382	14,568
Michigan	166,927	200,185	208,403	213,404	12.4	27.8	14,963	18,855	18,983	19,119
Minnesota	80,896	103,977	106,165	107,942	12.6	33.4	10,529	11,107	11,327	11,370
Mississippi	60,934	63,579	61,719	62,359	12.5	2.3	5,704	5,999	6,035	6,812
Missouri	101,955	129,075	131,565	134,950	14.8	32.4	4,889	9,530	9,698	10,683
Montana	17,138	18,735	18,797	19,039	12.1	11.1	1,934	1,719	1,688	1,614
Nebraska	32,761	41,308	43,400	42,577	14.8	30.0	2,961	3,617	3,656	3,707
Nevada	18,440	31,759	33,319	35,703	11.0	93.6	1,742	3,345	3,531	3,664
New Hampshire	19,658	26,927	27,502	28,597	13.8	45.5	2,077	2,251	2,190	2,193
New Jersey	181,319	206,087	210,114	214,330	16.6	18.2	17,190	16,874	15,998	16,058
New Mexico	36,037	50,292	52,113	52,346	16.1	45.3	2,247	4,943	5,133	5,115
New York	307,458	422,630	432,320	434,347	15.0	41.3	26,353	49,628	50,677	50,140
North Carolina	123,126	159,605	165,333	173,067	13.6	40.6	10,700	16,977	16,880	17,361
North Dakota	12,504	12,902	13,181	13,612	12.1	8.9	1,374	1,164	1,197	1,283
Ohio	205,440	227,620	230,155	236,200	12.9	15.0	12,487	18,666	18,572	19,341
Oklahoma	65,653	77,380	80,289	83,149	13.3	26.6	5,359	5,645	5,805	6,077
Oregon	55,149	67,311	69,885	73,531	13.5	33.3	3,581	5,965	6,128	6,387
Pennsylvania	219,428	224,598	227,771	231,175	12.7	5.4	23,156	21,156	19,920	19,976
Rhode Island	21,076	27,530	27,911	29,895	19.1	41.8	2,112	2,559	2,510	2,651
South Carolina	77,765	95,154	99,033	103,153	15.5	32.6	8,346	10,931	10,937	11,352
South Dakota	14,987	15,413	15,702	16,246	12.4	8.4	2,366	2,168	2,164	2,267
Tennessee	104,898	129,315	128,273	126,732	13.8	20.8	7,536	10,238	10,291	10,690
Texas	350,636	477,587	486,749	493,850	12.4	40.8	30,955	34,399	34,846	36,079
Utah	47,747	54,653	55,164	55,389	11.5	16.0	4,565	5,327	5,710	5,914
Vermont	12,263	12,241	12,709	14,073	13.5	14.8	1,200	1,241	1,226	1,391
Virginia	113,971	148,720	153,716	161,298	14.2	41.5	11,791	13,818	13,713	13,926
Washington	85,395	110,536	114,144	116,235	11.6	36.1	11,409	12,001	11,799	11,623
West Virginia	43,135	48,656	49,934	50,314	17.2	16.6	3,630	5,174	5,301	5,409
Wisconsin	86,930	113,688	116,328	121,209	13.8	39.4	12,213	13,705	13,708	13,934
Wyoming	11,202	13,077	13,333	13,307	14.4	18.8	1,571	1,569	1,616	1,667
Bureau of Indian Affairs	6,997	8,624	—	12,913	26.3	84.6	1,092	276	—	386
Outlying areas	39,445	55,696	59,174	63,981	9.2	62.2	3,937	5,769	6,009	6,750
American Samoa	363	473	584	703	4.5	93.7	48	79	58	55
Guam	1,750	1,975	2,075	2,230	6.8	27.4	198	167	156	195
Northern Marianas	411	382	474	568	5.9	38.2	211	52	51	48
Palau	459	99	112	123	—	73.2	45	3	5	11
Puerto Rico	35,129	50,721	54,158	58,740	9.6	67.2	3,345	5,255	5,559	6,274
Virgin Islands	1,333	2,046	1,771	1,617	7.7	21.3	90	213	180	167

—Not available

NOTE: Percent of students that are disabled are based on the enrollment in public schools, prekindergarten through 12th grade. Prior to 1994, children and youth with disabilities were served under the Individuals with Disabilities Education Act (IDEA), Part B, and Chapter 1 of the Elementary and Secondary Education Act. In October 1994, Congress passed the Improving America's Schools Act in which funding for children and youth with disabilities was consolidated under IDEA, Part B. Data reported in this table for years prior to 1994 include children served under Chapter 1. Some data revised from previously published figures.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act*, various years, and unpublished tabulations. (This table was prepared April 2001.)

Table 56.—Enrollment in grades 9 to 12 in public and private schools compared with population 14 to 17 years of age: 1889–90 to fall 2000

[Numbers in thousands]

Year	Enrollment, grades 9 to 12[1]			Population 14 to 17 years of age[3]	Enrollment as a percent of population 14 to 17 years of age[4]
	All schools	Public schools	Private schools[2]		
1	2	3	4	5	6
1889–90	298	203	95	5,355	5.6
1899–1900	630	519	111	6,152	10.2
1909–10	1,032	915	117	7,220	14.3
1919–20	2,414	2,200	214	7,736	31.2
1929–30	4,741	4,399	[5] 341	9,341	50.7
1939–40	7,059	6,601	[6] 458	9,720	72.6
1949–50	6,397	5,725	672	8,405	76.1
1951–52	6,538	5,882	656	8,516	76.8
1953–54	7,038	6,290	747	8,861	79.4
1955–56	7,696	6,873	823	9,207	83.6
1957–58	8,790	7,860	931	10,139	86.7
Fall 1959	9,306	8,271	1,035	11,155	83.4
Fall 1961	10,489	9,369	1,120	12,046	87.1
Fall 1963	12,170	10,883	1,287	13,492	90.2
Fall 1965	13,010	11,610	1,400	14,146	92.0
Fall 1966	13,294	11,894	1,400	14,398	92.3
Fall 1967	13,650	12,250	1,400	14,727	92.7
Fall 1968	14,118	12,718	1,400	15,170	93.1
Fall 1969	14,337	13,037	[7] 1,300	15,549	92.2
Fall 1970	14,647	13,336	1,311	15,921	92.0
Fall 1971	15,053	13,753	[7] 1,300	16,326	92.2
Fall 1972	15,148	13,848	[7] 1,300	16,637	91.0
Fall 1973	15,344	14,044	[7] 1,300	16,864	91.0
Fall 1974	15,403	14,103	[7] 1,300	17,033	90.4
Fall 1975	15,604	14,304	[7] 1,300	17,125	91.1
Fall 1976	15,656	14,314	1,342	17,117	91.5
Fall 1977	15,546	14,203	1,343	17,042	91.2
Fall 1978	15,441	14,088	1,353	16,944	91.1
Fall 1979	14,916	13,616	[7] 1,300	16,610	89.8
Fall 1980	14,570	13,231	1,339	16,143	90.3
Fall 1981	14,164	12,764	[7] 1,400	15,609	90.7
Fall 1982	13,805	12,405	[7] 1,400	15,057	91.7
Fall 1983	13,671	12,271	1,400	14,740	92.7
Fall 1984	13,704	12,304	[7] 1,400	14,725	93.1
Fall 1985	13,750	12,388	1,362	14,888	92.4
Fall 1986	13,669	12,333	[7] 1,336	14,824	92.2
Fall 1987	13,323	12,076	1,247	14,502	91.9
Fall 1988	12,893	11,687	[7] 1,206	14,023	91.9
Fall 1989	12,553	11,390	[7] 1,163	13,536	92.7
Fall 1990	12,488	11,338	1,150	13,322	93.7
Fall 1991	12,703	11,541	[7] 1,162	13,452	94.4
Fall 1992	12,882	11,735	[7] 1,147	13,703	94.0
Fall 1993	13,093	11,961	[7] 1,132	13,953	93.8
Fall 1994	13,376	12,213	[7] 1,163	14,492	92.3
Fall 1995	13,697	12,500	1,197	14,828	92.4
Fall 1996	14,060	12,847	[7] 1,213	15,213	92.4
Fall 1997	14,272	13,054	1,218	15,499	92.1
Fall 1998	14,428	13,193	[7] 1,235	15,518	93.0
Fall 1999	14,623	13,369	1,254	15,654	93.4
Fall 2000[7]	14,803	13,537	1,266	15,725	94.1

[1] Includes a relatively small number of secondary ungraded and postgraduate students.

[2] Data for most years are partly estimated.

[3] Data for 1890 through 1950 are from the decennial censuses of population. The other figures are Bureau of the Census estimates as of July 1 preceding the opening of the school year.

[4] Gross enrollment ratio based on school enrollment of all ages in grades 9 to 12 divided by the 14- to 17-year-old population. Differs from enrollment rates in other tables which are based on the enrollment of persons in the given age group only.

[5] Data are for 1927–28.

[6] Data are for 1940–41.

[7] Estimated.

NOTE: Includes enrollment in public schools that are a part of state and local school systems and also in most private schools, both religiously affiliated and nonsectarian. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*; *Statistics of Public Elementary and Secondary School Systems*; *Statistics of Nonpublic Elementary and Secondary Schools*; Common Core of Data survey; and *Projections of Education Statistics to 2011*. (This table was prepared September 2001.)

Table 57.—Enrollment in foreign language courses compared with enrollment in grades 9 to 12 in public secondary schools: Fall 1948 to fall 1994

[In thousands]

Language	Fall 1948	Fall 1960	Fall 1965	Fall 1968	Fall 1970	Fall 1974	Fall 1976	Fall 1978	Fall 1982	Fall 1985	Fall 1990	Fall 1994	Percent change in enrollment	
													1976 to 1990	1990 to 1994
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total enrollment, grades 9 to 12	**[1] 5,602**	**8,589**	**11,610**	**12,718**	**13,336**	**14,103**	**14,314**	**14,088**	**12,405**	**12,388**	**11,338**	**12,213**	**–20.8**	**7.7**
All foreign languages [2]														
Number enrolled	1,170	2,522	3,659	3,890	3,779	3,295	3,174	3,200	2,910	4,029	4,257	5,002	34.1	17.5
Percent of all students	20.9	29.4	31.5	30.6	28.3	23.3	22.2	22.7	23.3	32.2	37.5	41.0	—	—
Modern foreign languages														
Number enrolled	741	1,867	3,068	3,518	3,514	3,127	3,023	3,048	2,740	3,852	4,093	4,813	35.4	17.6
Percent of all students	13.2	21.7	26.4	27.7	26.4	22.1	21.1	21.6	21.9	31.1	36.1	39.4	—	—
Spanish														
Number enrolled	443	933	1,427	1,698	1,811	1,678	1,717	1,631	1,563	2,334	2,611	3,220	52.1	23.3
Percent of all students	7.9	10.9	12.3	13.4	13.6	11.9	12.0	11.6	12.5	18.8	23.0	26.4	—	—
French														
Number enrolled	254	744	1,251	1,328	1,231	978	888	856	858	1,134	1,089	1,106	22.6	1.5
Percent of all students	4.5	8.7	10.8	10.4	9.2	6.9	6.2	6.1	6.9	9.2	9.6	9.1	—	—
German														
Number enrolled	43	151	328	423	411	393	353	331	267	312	295	326	–16.2	10.3
Percent of all students	0.8	1.8	2.8	3.3	3.1	2.8	2.5	2.3	2.1	2.5	2.6	2.7	—	—
Russian														
Number enrolled	—	10	27	24	20	15	11	9	6	6	16	16	46.6	–0.4
Percent of all students	—	0.1	0.2	0.2	0.2	0.1	0.1	0.1	(3)	(3)	0.1	0.1	—	—
Italian														
Number enrolled	—	20	25	27	27	40	46	46	44	47	40	44	–11.4	8.5
Percent of all students	—	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	—	—
Japanese [4]														
Number enrolled	—	—	—	—	—	—	—	—	—	—	25	42	—	68.3
Percent of all students	—	—	—	—	—	—	—	—	—	—	0.2	0.3	—	—
Other modern foreign languages [5]														
Number enrolled	1	9	9	18	15	23	9	176	3	18	15	59	73.0	296.1
Percent of all students	(3)	0.1	0.1	0.1	0.1	0.2	0.1	1.2	(3)	0.1	0.1	0.5	—	—
Latin														
Number enrolled	429	655	591	372	265	167	150	152	170	177	164	189	8.9	15.2
Percent of all students	7.7	7.6	5.1	2.9	2.0	1.2	1.1	1.1	1.4	1.4	1.4	1.5	—	—

—Not available.

[1] Estimated.

[2] Includes enrollment in ancient Greek (not shown separately). Fewer than 1,000 students were enrolled in this language in each of the years shown.

[3] Less than 0.05 percent.

[4] Until 1990, student enrollment in Japanese courses was included in the Other modern foreign languages category.

[5] Includes students enrolled in unspecified modern foreign languages. In 1978, a relatively large number of students were not identified by field of study. Since 1990, enrollment in Japanese courses is reported as a separate category.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and American Council on the Teaching of Foreign Languages, *Foreign Language Enrollments in Public Secondary Schools, Fall 1989, Fall 1990,* and *Fall 1994.* (This table was prepared February 1999.)

Table 58.—Student participation in school programs and services, by control, level of school, and type of community: 1993–94

Control, level, and community type	Total students		Percent of students participating in program or service							
	Number	Percent distribution	Bilingual education	English as a second language	Remedial reading	Remedial mathematics	Programs for the disabled	Programs for the gifted and talented	Diagnostic and prescriptive	Extended day
1	2	3	4	5	6	7	8	9	10	11
Public total	**41,621,660**	**100.0**	**3.07**	**3.97**	**10.88**	**6.90**	**6.88**	**6.43**	**0.27**	**2.50**
School level										
Elementary	26,886,026	64.6	3.98	4.75	13.46	7.77	6.76	6.25	0.31	3.58
Secondary	13,757,801	33.1	1.39	2.58	5.63	5.03	6.54	6.90	0.20	0.48
Combined	977,833	2.3	1.80	1.88	13.70	9.39	14.84	4.72	0.44	1.31
Community type										
Central city	12,163,036	29.2	6.30	7.13	12.86	8.34	7.05	6.55	0.23	3.82
Urban fringe/large town	13,559,662	32.6	2.04	3.90	8.84	5.60	6.34	7.26	0.23	2.69
Rural/small town	15,898,962	38.2	1.48	1.60	11.09	6.90	7.20	5.63	0.35	1.33
Private total	**4,970,548**	**100.0**	**0.81**	**0.58**	**6.35**	**4.16**	**2.98**	**4.93**	**0.89**	**9.20**
School level										
Elementary	2,803,359	56.4	0.77	0.45	7.22	4.33	0.93	3.34	0.94	12.48
Secondary	811,087	16.3	0.19	0.62	4.24	3.06	3.43	8.56	0.47	0.23
Combined	1,356,102	27.3	1.25	0.83	5.82	4.46	6.95	6.05	1.03	7.76
Community type										
Central city	2,261,125	45.5	0.83	0.71	7.33	4.77	2.68	5.56	0.72	11.36
Urban fringe/large town	1,810,230	36.4	0.97	0.57	5.98	4.15	3.58	5.24	0.85	8.89
Rural/small town	899,193	18.1	0.42	0.27	4.63	2.62	2.50	2.75	1.48	4.39

NOTE: School level includes elementary schools which have grade 6 or lower or a low grade of ungraded and no grade higher than 8; secondary schools that have no grade lower than 7; and combined schools that have grades lower than 7 and higher than 8. Students may participate in more than one program or service. Includes only kindergarten pupils who attend schools that offer first grade or above. Excludes prekindergarten students. Totals differ from data appearing in other tables because of varying survey processing procedures and time period coverages.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared September 1996, new data forthcoming in 2002.)

Table 59.—Private elementary and secondary enrollment, teachers, and schools, by selected characteristics: Fall 1999

Selected school characteristics	Kindergarten to 12th-grade enrollment				Teachers				Schools			
	Total	Catholic	Other religious	Nonsectarian	Total	Catholic	Other religious	Nonsectarian	Total	Catholic	Other religious	Nonsectarian
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**5,162,684**	**2,511,040**	**1,843,580**	**808,063**	**395,317**	**149,600**	**152,915**	**92,801**	**27,223**	**8,102**	**13,232**	**5,889**
Standard error	**25,410**	**4,787**	**24,799**	**5,428**	**2,881**	**210**	**2,759**	**722**	**239**	**24**	**228**	**68**
Level of school												
Elementary	2,831,372	1,814,676	750,026	266,669	187,833	100,565	58,386	28,882	16,530	6,707	6,843	2,981
Secondary	806,639	607,682	112,132	86,825	62,737	41,301	10,586	10,849	2,538	1,114	718	707
Combined	1,524,673	88,682	981,422	454,569	144,746	7,734	83,943	53,070	8,155	282	5,672	2,201
School enrollment												
Less than 50	196,309	5,497	128,007	62,806	26,329	769	15,898	9,662	7,565	172	5,031	2,362
50 to 149	716,129	149,542	385,184	181,403	71,676	12,543	36,431	22,702	7,738	1,408	4,280	2,050
150 to 299	1,424,018	767,888	496,825	159,306	102,457	45,928	38,371	18,157	6,571	3,450	2,364	757
300 to 499	1,228,631	720,044	357,479	151,109	84,086	41,439	26,627	16,020	3,219	1,876	946	397
500 to 749	805,490	477,806	215,910	111,774	54,078	26,057	15,964	12,057	1,352	805	360	187
750 or more	792,106	390,264	260,177	141,666	56,691	22,864	19,624	14,203	778	391	250	136
Percent minority students												
None	291,838	61,442	212,771	17,624	25,578	4,053	19,613	1,912	4,012	415	3,228	368
1 to 9 percent	2,282,659	1,216,054	806,530	260,075	164,869	72,015	64,951	27,903	9,219	3,737	4,149	1,332
10 to 29 percent	1,360,769	589,224	433,044	338,502	115,605	37,070	37,304	41,231	6,435	1,733	2,702	1,999
30 to 49 percent	414,323	190,783	139,742	83,798	32,424	11,471	10,994	9,959	2,455	604	1,007	844
50 percent or more	813,095	453,537	251,494	108,064	56,841	24,991	20,053	11,797	5,103	1,613	2,145	1,345
Community type												
Central city	2,540,516	1,293,629	870,219	376,668	189,984	76,118	71,244	42,622	10,825	3,737	4,550	2,538
Urban fringe/large town	2,051,094	1,022,949	714,090	314,056	155,436	59,815	58,053	37,568	10,359	3,142	4,725	2,492
Rural/small town	571,074	194,463	259,272	117,340	49,897	13,667	23,619	12,611	6,040	1,223	3,958	859

NOTE: Includes only schools that offer the first grade or a higher grade. Excludes prekindergarten students. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Private School Universe Survey, 1999–2000." (This table was prepared September 2001.)

Table 60.—Private elementary and secondary staff and student/staff ratios, by level and orientation of school: 1993–94

Orientation and type of staff	Full-time-equivalent staff				Students per full-time-equivalent staff member			
	Total	Elementary[1]	Secondary[2]	Combined[3]	Total	Elementary[1]	Secondary[2]	Combined[3]
1	2	3	4	5	6	7	8	9
Total	**534,636**	**240,894**	**104,213**	**189,529**	**9.3**	**11.6**	**7.8**	**7.2**
Principals	23,589	13,180	2,459	7,950	210.7	212.7	329.8	170.6
Assistant principals	8,361	3,094	2,113	3,154	594.5	906.1	383.9	430.0
Other managers	7,801	1,510	3,483	2,808	637.2	1,856.5	232.9	483.0
Instruction coordinators	6,063	1,837	1,293	2,933	819.8	1,526.1	627.3	462.4
Teachers	330,838	155,220	60,644	114,974	15.0	18.1	13.4	11.8
Teacher aides	33,905	16,516	2,566	14,823	146.6	169.7	316.1	91.5
Guidance counselors	8,640	1,713	3,758	3,169	575.3	1,636.5	215.8	428.0
Librarians/media specialists	8,946	4,320	1,950	2,676	555.6	648.9	415.9	506.8
Library/media center aides	3,768	1,942	588	1,238	1,319.2	1,443.5	1,379.4	1,095.5
Student support staff[4]	11,003	2,207	2,684	6,112	451.8	1,270.2	302.2	221.9
Secretaries/clerical staff	37,634	15,170	9,061	13,403	132.1	184.8	89.5	101.2
Other employees[5]	54,092	24,187	13,615	16,290	91.9	115.9	59.6	83.3
Catholic								
Total	206,094	135,831	59,239	11,024	12.2	13.6	10.0	6.9
Principals	8,186	6,702	1,177	307	307.4	275.8	503.0	247.1
Assistant principals	2,854	1,210	1,475	169	881.6	1,527.5	401.4	448.9
Other managers	3,139	717	2,168	254	801.6	2,577.8	273.1	298.7
Instruction coordinators	1,138	619	477	42	2,211.0	2,985.9	1,241.1	1,806.2
Teachers	132,240	88,524	37,132	6,584	19.0	20.9	15.9	11.5
Teacher aides	9,078	8,144	176	758	277.2	226.9	3,363.7	100.1
Guidance counselors	3,843	1,144	2,341	358	654.7	1,615.6	252.9	211.9
Librarians/media specialists	4,291	2,836	1,230	225	586.4	651.7	481.3	337.2
Library/media center aides	1,969	1,489	363	117	1,277.9	1,241.3	1,630.9	648.4
Student support staff[4]	2,287	1,418	568	301	1,100.2	1,303.4	1,042.3	252.0
Secretaries/clerical staff	13,731	8,139	4,841	751	183.2	227.1	122.3	101.0
Other employees[5]	23,338	14,889	7,291	1,158	107.8	124.1	81.2	65.5
Other religious orientation								
Total	184,521	72,798	16,970	94,753	9.1	9.9	7.3	8.9
Principals	9,917	4,535	573	4,809	170.0	158.4	217.2	175.4
Assistant principals	3,184	1,102	278	1,804	529.5	651.7	447.7	467.5
Other managers	1,932	584	340	1,008	872.7	1,229.7	366.0	836.8
Instruction coordinators	2,298	775	153	1,370	733.7	926.7	813.4	615.7
Teachers	120,253	46,973	10,366	62,914	14.0	15.3	12.0	13.4
Teacher aides	10,021	4,827	171	5,023	168.3	148.8	727.8	167.9
Guidance counselors	2,001	473	403	1,125	842.6	1,518.3	308.8	749.7
Librarians/media specialists	2,596	977	349	1,270	649.5	735.1	356.6	664.1
Library/media center aides	990	330	112	548	1,703.1	2,176.3	1,111.1	1,539.1
Student support staff[4]	1,318	489	231	598	1,279.3	1,468.7	538.7	1,410.4
Secretaries/clerical staff	13,551	5,033	1,637	6,881	124.4	142.7	76.0	122.6
Other employees[5]	16,460	6,700	2,357	7,403	102.4	107.2	52.8	113.9
Non-sectarian								
Total	144,025	32,267	28,005	83,753	5.3	7.3	3.4	5.2
Principals	5,486	1,943	709	2,834	140.1	121.9	133.5	154.2
Assistant principals	2,323	782	360	1,181	330.8	303.0	262.9	369.9
Other managers	2,730	209	975	1,546	281.5	1,133.6	97.1	282.6
Instruction coordinators	2,627	443	663	1,521	292.5	534.8	142.7	287.2
Teachers	78,345	19,723	13,146	45,476	9.8	12.0	7.2	9.6
Teacher aides	14,806	3,545	2,219	9,042	51.9	66.8	42.6	48.3
Guidance counselors	2,796	96	1,014	1,686	274.8	2,468.0	93.3	259.1
Librarians/media specialists	2,059	507	371	1,181	373.2	467.3	255.1	369.9
Library/media center aides	809	123	113	573	949.9	1,926.3	837.4	762.5
Student support staff[4]	7,398	300	1,885	5,213	103.9	789.8	50.2	83.8
Secretaries/clerical staff	10,352	1,998	2,583	5,771	74.2	118.6	36.6	75.7
Other employees[5]	14,294	2,598	3,967	7,729	53.8	91.2	23.9	56.5

[1] Includes schools beginning with grade 6 or below and with no grade higher than 8.

[2] Schools have no grade lower than 7.

[3] Schools have grades lower than 7 and higher than 8.

[4] Includes student support services professional staff, such as school psychologists, social workers, occupational therapists, speech therapists, and nurses.

[5] Includes cafeteria workers and maintenance staff.

NOTE: Data are based upon a sample survey and may not be strictly comparable with data reported elsewhere. Includes only schools that offer first grade or above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared August 1995, new data forthcoming in 2002.)

Table 61.—Private elementary and secondary enrollment and schools, by amount of tuition, level, and orientation of school: 1993–94

Orientation and tuition	Kindergarten through 12th-grade enrollment [1]				Schools				Average tuition paid by students [2]			
	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**4,970,646**	**2,803,359**	**811,087**	**1,356,199**	**26,093**	**15,538**	**2,551**	**8,004**	**$3,116**	**$2,138**	**$4,578**	**$4,266**
Catholic	2,516,130	1,848,257	592,011	75,862	8,351	6,924	1,161	266	2,178	1,628	3,643	4,153
Less than $1,000	393,901	378,724	(3)	(3)	1,786	1,706	(3)	(3)	—	—	—	—
$1,000 to $2,499	1,368,046	1,274,601	81,955	(3)	4,834	4,542	235	(3)	—	—	—	—
$2,500 to $4,999	675,708	188,123	452,901	(3)	1,533	642	782	(3)	—	—	—	—
$5,000 or more	71,929	(3)	(3)	(3)	(3)	(3)	(3)	(3)	—	—	—	—
Other religious	1,686,064	718,170	124,447	843,448	12,180	6,328	612	5,240	2,915	2,606	5,261	2,831
Less than $1,000	113,382	66,259	(3)	45,878	2,435	1,386	(3)	1,044	—	—	—	—
$1,000 to $2,499	839,447	387,917	(3)	435,788	6,759	3,645	(3)	3,012	—	—	—	—
$2,500 to $4,999	513,773	187,164	62,993	263,615	2,198	970	316	913	—	—	—	—
$5,000 or more	203,014	68,255	38,655	96,104	738	303	172	263	—	—	—	—
Non-sectarian	768,451	236,932	94,629	436,890	5,563	2,287	778	2,498	6,631	4,693	9,525	7,056
Less than $1,000	49,128	(3)	(3)	(3)	912	(3)	(3)	(3)	—	—	—	—
$1,000 to $2,499	121,869	(3)	(3)	(3)	666	(3)	(3)	(3)	—	—	—	—
$2,500 to $4,999	200,857	119,326	(3)	74,395	1,810	1,301	(3)	465	—	—	—	—
$5,000 or more	396,244	82,596	74,283	239,364	2,166	456	408	1,302	—	—	—	—

—Not available.

[1] Only includes kindergarten students who attend schools that offer first grade or above.

[2] Tuition weighted by the number of students enrolled in schools.

[3] Too few sample cases (fewer than 30 schools) for reliable estimates.

NOTE: Data are based upon a sample survey and may not be strictly comparable with data reported elsewhere. Elementary schools have grade 6 or lower and no grade higher than 8. Secondary schools have no grade lower than 7. Combined schools have grades lower than 7 and higher than 8. Excludes prekindergarten students. Detail may not sum to totals due to rounding and missing values in cells with too few sample sizes.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared August 1995, new data forthcoming in 2002.)

Table 62.—Summary statistics on Catholic elementary and secondary schools, by level: 1919–20 to 2000–01

School year	Number of schools			Enrollment			Instructional staff		
	Total	Elementary	Secondary	Total	Elementary	Secondary	Total	Elementary	Secondary
1	2	3	4	5	6	7	8	9	10
1919–20	8,103	6,551	1,552	1,925,521	1,795,673	129,848	[1]49,516	[1]41,592	[1]7,924
1929–30	10,046	7,923	2,123	2,464,467	2,222,598	241,869	[1]72,552	[1]58,245	[1]14,307
1939–40	10,049	7,944	2,105	2,396,305	2,035,182	361,123	[1]81,057	[1]60,081	[1]20,976
1949–50	10,778	8,589	2,189	3,066,387	2,560,815	505,572	[1]94,295	[1]66,525	[1]27,770
Fall 1960	12,893	10,501	2,392	5,253,791	4,373,422	880,369	[1]151,902	[1]108,169	[1]43,733
1969–70	11,771	9,695	2,076	4,658,098	3,607,168	1,050,930	[2]195,400	[2]133,200	[2]62,200
1970–71	11,350	9,370	1,980	4,363,566	3,355,478	1,008,088	166,208	112,750	53,458
1974–75	10,127	8,437	1,690	3,504,000	2,602,000	902,000	150,179	100,011	50,168
1975–76	9,993	8,340	1,653	3,415,000	2,525,000	890,000	149,276	99,319	49,957
1979–80	9,640	8,100	1,540	3,139,000	2,293,000	846,000	147,294	97,724	49,570
1980–81	9,559	8,043	1,516	3,106,000	2,269,000	837,000	145,777	96,739	49,038
1981–82	9,494	7,996	1,498	3,094,000	2,266,000	828,000	146,172	96,847	49,325
1982–83	9,432	7,950	1,482	3,007,189	2,211,412	795,777	146,460	97,337	49,123
1983–84	9,401	7,937	1,464	2,969,000	2,179,000	790,000	146,913	98,591	48,322
1984–85	9,325	7,876	1,449	2,903,000	2,119,000	784,000	149,888	99,820	50,068
1985–86	9,220	7,790	1,430	2,821,000	2,061,000	760,000	146,594	96,741	49,853
1986–87	9,102	7,693	1,409	2,726,000	1,998,000	728,000	141,930	93,554	48,376
1987–88	8,992	7,601	1,391	2,623,031	1,942,148	680,883	139,887	93,199	46,688
1988–89	8,867	7,505	1,362	2,551,119	1,911,911	639,208	137,700	93,154	44,546
1989–90	8,719	7,395	1,324	2,499,000	1,894,000	606,000	136,900	94,197	42,703
1990–91	8,587	7,291	1,296	2,475,439	1,883,906	591,533	131,198	91,039	40,159
1991–92	8,508	7,239	1,269	2,442,924	1,856,302	586,622	153,334	109,084	44,250
1992–93	8,423	7,174	1,249	2,444,842	1,860,937	583,905	154,816	109,825	44,991
1993–94	8,345	7,114	1,231	2,444,609	1,859,947	584,662	157,201	112,199	45,002
1994–95	8,293	7,055	1,238	2,475,207	1,877,782	597,425	[3]164,219	[3]117,620	[3]46,599
1995–96	8,250	7,022	1,228	2,491,111	1,884,461	606,650	[3]166,759	[3]118,753	[3]48,006
1996–97	8,231	7,005	1,226	2,497,198	1,885,037	612,161	[3]153,276	[3]107,548	[3]45,728
1997–98	8,223	7,004	1,219	2,497,894	1,879,737	618,157	[3]152,259	[3]105,717	[3]46,542
1998–99	8,217	6,990	1,227	2,496,488	1,876,211	620,277	[3]153,081	[3]105,943	[3]47,138
1999–2000	8,144	6,923	1,221	2,500,416	1,877,236	623,180	[3]157,134	[3]109,404	[3]47,730
2000–01	8,146	6,920	1,226	2,647,301	2,004,037	643,264	[3]160,731	[3]111,937	[3]48,794

[1] Includes part-time teachers.

[2] Includes estimates for the nonreporting schools.

[3] Full-time equivalent.

NOTE: Data reported by the National Catholic Educational Association and data reported by the National Center for Education Statistics are not directly comparable because survey procedures and definitions differ. Excludes prekindergarten enrollment.

SOURCE: National Catholic Educational Association, *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967–68 to 1969–70*, as compiled from the Official Catholic Directory (Copyright © 1970 by the National Catholic Educational Association); *Catholic Schools in America* (1978 edition, Copyright © 1978 by the Franklin Press); and *United States Catholic Elementary and Secondary Schools*, 1989–90, 1990–91, 1991–92, 1992–93, 1993–94, 1994–95, 1995–96, 1996–97, 1997–98, 1998–99, 1999–2000, and 2000–01 (Copyright © 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, and 2001 by the National Catholic Educational Association. All rights reserved.) (This table was prepared April 2001.)

Table 63.—Private elementary and secondary schools, enrollment, teachers, and high school graduates, by state: 1991 to 1999

State	Number of schools		Enrollment[1]								Teachers		High school graduates	
			Fall 1991		Fall 1993		Fall 1997		Fall 1999					
	1999[2]	Standard error	Enrollment	Standard error	Enrollment	Standard error	Enrollment	Standard error	Enrollment	Standard error	Fall 1999	Standard error	1998–99	Standard error
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States[3]	**27,223**	**238.6**	**4,889,545**	**26,471**	**4,836,442**	**12,875**	**5,076,118**	**15,549**	**5,162,684**	**25,410**	**395,317**	**2,881**	**273,025**	**2,054**
Alabama	374	21.6	69,441	8,390	72,630	4,724	72,486	682	73,352	2,527	5,934	170	4,324	194
Alaska	69	1.6	5,520	543	5,884	0	6,253	220	6,172	63	572	51	245	8
Arizona	276	4.4	39,460	(4)	41,957	0	44,991	652	44,060	428	3,319	63	2,399	39
Arkansas	192	14.0	22,792	(4)	29,011	3,995	26,645	290	26,424	1,233	2,075	90	1,320	86
California	3,318	27.8	613,068	16,643	569,062	1,987	609,506	3,730	619,067	1,533	43,159	503	28,097	253
Colorado	339	5.5	57,352	11,374	53,732	7,798	52,563	1,109	52,142	397	4,353	115	2,470	79
Connecticut	348	5.7	67,374	(4)	70,198	1,875	69,293	494	70,058	224	6,879	87	5,141	142
Delaware	96	2.7	22,803	(4)	22,308	0	24,193	911	22,779	303	1,784	28	1,151	18
District of Columbia	89	4.4	17,776	322	15,854	0	16,671	155	16,690	701	1,898	31	1,231	83
Florida	1,545	79.1	205,600	2,988	233,743	3,789	273,628	2,359	290,872	8,152	22,929	776	12,866	279
Georgia	592	31.4	96,683	4,078	97,726	3,586	107,065	1,477	116,407	4,157	10,677	591	6,819	317
Hawaii	130	1.5	36,306	(4)	30,537	0	33,300	350	32,193	169	2,475	23	2,533	31
Idaho	94	2.0	6,644	(4)	8,019	0	9,635	203	10,209	96	790	29	459	8
Illinois	1,354	11.8	301,374	1,158	293,038	794	298,620	1,101	299,871	1,365	19,589	142	16,652	122
Indiana	677	13.9	99,450	7,004	91,986	0	105,358	1,836	105,533	1,461	7,362	198	4,597	133
Iowa	265	4.8	51,431	(4)	50,602	211	50,138	520	49,565	446	3,545	46	2,693	69
Kansas	237	16.7	35,077	(4)	37,045	0	40,573	363	43,113	1,731	3,166	158	2,071	64
Kentucky	368	17.0	65,990	(4)	58,058	0	70,731	413	75,084	1,927	5,478	193	3,997	191
Louisiana	434	12.8	139,248	(4)	145,512	4,036	141,633	696	138,135	1,982	9,206	113	8,716	296
Maine	139	4.6	14,854	(4)	16,999	0	17,187	292	18,287	133	1,760	51	2,050	43
Maryland	701	36.9	113,774	(4)	112,481	0	129,898	937	144,131	4,700	12,152	288	7,596	329
Massachusetts	694	13.1	125,006	3,419	126,744	1,362	127,165	1,163	132,154	506	12,497	149	9,632	192
Michigan	1,012	13.9	187,095	710	187,741	0	187,740	1,538	179,579	1,554	11,771	179	9,114	167
Minnesota	530	8.7	93,404	2,401	86,051	0	90,400	918	92,795	1,047	6,467	129	4,010	114
Mississippi	207	9.1	58,757	1,377	58,655	1,564	54,529	457	51,369	1,357	3,884	106	3,649	159
Missouri	576	7.2	116,440	1,884	117,466	616	119,534	964	122,387	1,076	9,105	114	6,851	170
Montana	90	2.0	9,644	(4)	9,111	0	8,341	220	8,711	88	740	37	395	23
Nebraska	237	4.2	39,673	(4)	39,564	0	40,943	320	42,141	415	2,963	67	2,303	74
Nevada	80	1.3	8,482	(4)	10,723	0	12,847	241	13,926	81	973	24	639	6
New Hampshire	171	5.7	18,712	1,330	18,386	0	21,143	297	23,383	193	2,208	72	1,894	46
New Jersey	905	14.1	209,913	8,195	195,921	0	205,126	1,535	198,631	785	15,496	198	11,072	339
New Mexico	182	3.5	23,236	(4)	20,007	0	19,251	534	23,055	195	1,992	73	1,361	46
New York	1,981	22.0	498,668	7,158	473,119	4,776	467,520	1,821	475,942	1,227	37,190	404	26,314	338
North Carolina	588	37.1	63,255	5,224	69,000	1,803	88,127	1,260	96,262	3,775	8,962	422	4,256	160
North Dakota	55	1.3	7,518	(4)	7,577	0	7,332	72	7,148	97	545	12	448	20
Ohio	974	11.2	269,064	13,362	246,805	3,480	251,543	1,528	254,494	1,694	16,165	134	13,394	173
Oklahoma	179	11.0	34,025	9,317	25,837	3,584	27,675	345	31,276	1,049	2,727	83	1,635	49
Oregon	347	12.4	30,918	1,003	34,092	0	44,290	1,364	45,352	1,287	3,473	92	2,376	75
Pennsylvania	1,964	51.8	359,440	6,920	342,298	4,260	343,191	4,401	339,484	2,954	24,453	848	18,002	414
Rhode Island	127	3.0	21,242	(4)	23,153	0	25,597	195	24,738	127	1,961	26	1,404	56
South Carolina	326	19.0	46,086	2,013	51,600	1,819	56,169	700	55,612	2,506	4,912	281	2,915	202
South Dakota	83	2.6	10,539	(4)	9,575	0	9,794	143	9,364	232	743	24	442	19
Tennessee	533	39.9	82,969	2,953	84,538	2,909	84,651	746	93,680	3,519	7,921	265	6,717	162
Texas	1,281	52.6	170,670	472	211,337	7,591	223,294	1,703	227,645	7,260	19,777	410	9,988	353
Utah	78	1.4	9,836	(4)	9,793	0	12,653	201	12,614	114	1,091	29	792	42
Vermont	122	4.9	8,351	(4)	9,107	0	10,823	196	12,170	199	1,361	65	1,273	57
Virginia	582	34.2	80,887	1,872	84,438	4,584	98,307	1,071	100,171	4,171	9,389	248	5,010	178
Washington	494	8.8	66,556	2,798	70,205	1,858	76,956	1,462	76,885	519	5,697	144	3,262	48
West Virginia	151	11.8	12,908	(4)	13,539	0	14,640	225	15,895	974	1,486	151	883	96
Wisconsin	991	16.6	142,339	220	141,762	0	143,577	1,748	139,455	1,828	10,025	241	5,525	168
Wyoming	41	1.4	1,840	(4)	1,919	0	2,593	110	2221	45	241	28	41	5

[1] Includes special education, vocational/technical education, and alternative schools. Excludes prekindergarten enrollment.

[2] The estimates for 1999 were computed using a different procedure from that used prior to 1997–98.

[3] NCES employed an area frame sample to account for noninclusion of schools at the national level. However, caution should be exercised in interpreting state by state characteristics since the samples were not designed to produce such numbers.

[4] Insufficient data to compute a standard error.

NOTE: Standard errors for states are root mean squared errors to correct for bias in model based estimates. Tabulation includes only schools that offer first grade or above. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Private School Universe Survey,1999–2000;" and *Indirect State-Level Estimation for the Private School Survey, 1999.* (This table was prepared August 2001.)

Table 64.—Public elementary and secondary pupil/teacher ratios, by level, type, and enrollment size of school: Fall 1987 to fall 1999

Type, level, and enrollment size of school	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14
All schools	**17.9**	**17.9**	**17.9**	**17.4**	**17.6**	**17.7**	**17.8**	**17.7**	**17.8**	**17.6**	**17.2**	**16.9**	**16.6**
Under 300	14.6	14.8	14.6	14.0	14.1	14.1	14.3	14.1	14.1	14.0	13.7	13.6	13.3
300 to 499	17.6	17.7	17.6	17.0	17.1	17.0	17.3	17.2	17.1	16.9	16.5	16.2	15.8
500 to 999	18.5	18.4	18.5	18.0	18.1	18.1	18.2	18.1	18.2	17.9	17.5	17.1	16.8
1,000 to 1,499	18.5	18.3	18.5	17.9	18.2	18.6	18.5	18.6	18.7	18.5	18.1	17.7	17.6
1,500 or more	19.4	20.1	19.4	19.2	19.6	20.0	19.7	19.9	20.0	20.0	19.7	19.3	19.3
Regular schools	18.1	18.0	18.1	17.6	17.7	17.8	17.9	17.8	17.9	17.7	17.3	17.0	16.7
Alternative	16.0	14.8	16.0	14.2	15.8	16.5	17.4	18.0	16.6	16.6	16.5	16.4	15.8
Special education	6.2	6.9	6.2	6.5	6.8	7.0	7.4	6.9	7.2	7.4	7.6	7.3	7.2
Vocational	13.0	—	13.0	13.0	12.3	13.0	13.1	12.9	12.7	12.9	12.9	13.1	13.0
Elementary schools	18.6	18.6	18.6	18.1	18.2	18.1	18.2	18.0	18.1	17.8	17.4	17.0	16.7
Regular	18.7	18.7	18.7	18.2	18.2	18.1	18.3	18.0	18.1	17.9	17.4	17.0	16.7
Under 300	16.6	16.7	16.6	16.0	16.1	15.9	16.0	15.7	15.7	15.6	15.3	15.1	14.6
300 to 499	18.3	18.3	18.3	17.6	17.6	17.5	17.7	17.5	17.5	17.2	16.8	16.4	16.1
500 to 999	19.4	19.4	19.4	18.8	18.8	18.7	18.8	18.5	18.6	18.3	17.8	17.4	17.1
1,000 to 1,499	20.1	20.0	20.1	19.5	19.6	19.7	19.7	19.6	19.7	19.4	18.8	18.4	18.3
1,500 or more	19.5	18.9	19.5	19.9	20.9	20.3	21.2	20.4	20.9	21.2	20.7	19.9	20.0
Secondary schools	17.2	17.2	17.2	16.6	16.9	17.3	17.3	17.5	17.6	17.5	17.3	17.0	16.8
Regular	17.3	17.1	17.3	16.7	17.0	17.4	17.4	17.6	17.7	17.6	17.4	17.1	16.9
Under 300	12.4	12.7	12.4	12.3	12.3	12.3	12.6	12.7	12.8	12.7	12.5	12.5	12.0
300 to 499	15.5	15.4	15.5	14.9	15.1	15.3	15.5	15.7	15.7	15.5	15.3	15.1	14.6
500 to 999	16.8	16.6	16.8	16.1	16.4	16.7	16.7	16.8	16.9	16.7	16.4	16.2	16.0
1,000 to 1,499	17.9	17.7	17.9	17.2	17.5	17.9	17.8	17.9	18.0	17.9	17.5	17.2	17.1
1,500 or more	19.5	19.5	19.5	19.3	19.6	20.0	19.6	19.9	20.0	20.0	19.7	19.3	19.2
Combined schools	15.5	15.9	15.5	14.5	15.0	14.8	15.3	15.1	15.0	14.7	14.4	13.4	13.4
Under 300	9.5	9.8	9.5	8.9	9.3	9.3	9.6	9.3	9.0	8.7	8.6	8.9	9.1
300 to 499	14.4	15.3	14.4	14.2	14.3	14.4	14.8	14.4	14.7	14.3	14.0	13.6	13.8
500 to 999	17.6	17.1	17.6	16.3	16.7	15.6	16.5	16.6	16.6	16.6	16.2	15.5	14.9
1,000 to 1,499	19.0	18.5	19.0	17.8	17.9	18.6	18.6	18.3	18.2	18.4	18.0	16.9	16.9
1,500 or more	18.8	18.8	18.8	17.7	18.6	18.9	18.8	19.5	19.6	19.3	19.3	18.7	19.2
Ungraded	5.9	6.8	5.9	6.4	6.5	6.9	7.1	6.7	6.9	5.9	6.2	5.9	5.3

—Not available.

NOTE: Pupil/teacher ratios are based on data reported by types of schools rather than by instructional programs within schools. Ratios are based on data reported by schools and may differ from data reported in other tables that reflect aggregate totals reported by states.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared July 2001.)

Table 65.—Public and private elementary and secondary teachers, enrollment, and pupil/teacher ratios: Fall 1955 to fall 2001

Year	Elementary and secondary teachers			Elementary and secondary enrollment			Elementary and secondary pupil/teacher ratio		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8	9	10
1955	1,286	1,141	[1] 145	35,280	30,680	[1] 4,600	27.4	26.9	[1] 31.7
1960	1,600	1,408	[1] 192	42,181	36,281	[1] 5,900	26.4	25.8	[1] 30.7
1965	1,933	1,710	223	48,473	42,173	6,300	25.1	24.7	28.3
1970	2,292	2,059	233	51,257	45,894	5,363	22.4	22.3	23.0
1971	2,293	2,063	[1] 230	51,271	46,071	[1] 5,200	22.4	22.3	[1] 22.6
1972	2,337	2,106	[1] 231	50,726	45,726	[1] 5,000	21.7	21.7	[1] 21.6
1973	2,372	2,136	[1] 236	50,446	45,446	[1] 5,000	21.3	21.3	[1] 21.2
1974	2,410	2,165	[1] 245	50,073	45,073	[1] 5,000	20.8	20.8	[1] 20.4
1975	2,453	2,198	[1] 255	49,819	44,819	[1] 5,000	20.3	20.4	[1] 19.6
1976	2,457	2,189	268	49,478	44,311	5,167	20.1	20.2	19.3
1977	2,488	2,209	279	48,717	43,577	5,140	19.6	19.7	18.4
1978	2,479	2,207	272	47,635	42,550	5,085	19.2	19.3	18.7
1979	2,461	2,185	[1] 276	46,651	41,651	[1] 5,000	19.0	19.1	[1] 18.1
1980	2,485	2,184	301	46,208	40,877	5,331	18.6	18.7	17.7
1981	2,440	2,127	[1] 313	45,544	40,044	[1] 5,500	18.7	18.8	[1] 17.6
1982	2,458	2,133	[1] 325	45,165	39,566	[1] 5,600	18.4	18.6	[1] 17.2
1983	2,476	2,139	337	44,967	39,252	5,715	18.2	18.4	17.0
1984	2,508	2,168	[1] 340	44,908	39,208	[1] 5,700	17.9	18.1	[1] 16.8
1985	2,549	2,206	343	44,979	39,422	5,557	17.6	17.9	16.2
1986	2,592	2,244	[1] 348	45,205	39,753	[1] 5,452	17.4	17.7	[1] 15.7
1987	2,631	2,279	352	45,487	40,008	5,479	17.3	17.6	15.6
1988	2,668	2,323	[1] 345	45,430	40,189	[1] 5,242	17.0	17.3	[1] 15.2
1989	2,734	2,357	377	45,741	40,543	5,198	16.7	17.2	13.8
1990	2,753	2,398	[1] 355	46,451	41,217	[1] 5,234	16.9	17.2	[1] 14.7
1991	2,787	2,432	355	47,322	42,047	5,275	17.0	17.3	14.9
1992	2,822	2,459	[1] 363	48,145	42,823	[1] 5,322	17.1	17.4	[1] 14.7
1993	2,870	2,504	366	48,813	43,465	5,348	17.0	17.4	14.6
1994	2,926	2,552	[1] 374	49,609	44,111	[1] 5,498	17.0	17.3	[1] 14.7
1995	2,978	2,598	380	50,502	44,840	5,662	17.0	17.3	14.9
1996	3,054	2,667	[1] 387	51,375	45,611	[1] 5,764	16.8	17.1	[1] 14.9
1997	3,134	2,746	388	51,968	46,127	5,841	16.6	16.8	15.1
1998	3,221	2,830	[1] 391	52,476	46,539	[1] 5,937	16.3	16.4	[1] 15.2
1999	3,304	2,907	397	52,875	46,857	6,018	16.0	16.1	15.2
2000 [1]	3,381	2,953	[2] 428	53,104	47,160	[2] 5,944	15.7	16.0	[2] 13.9
2001 [2]	3,551	3,119	432	53,157	47,213	5,944	15.0	15.1	13.8

[1] Estimated.

[2] Projected.

NOTE: Data for teachers are expressed in full-time equivalents. Includes kindergarten and a relatively small number of nursery school teachers and students. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools;* Common Core of Data surveys; and *Projections of Education Statistics to 2011.* (This table was prepared July 2001.)

Table 66.—Public elementary and secondary teachers, by level and state: Fall 1995 to fall 2000

State or other area	Fall 1995	Fall 1996	Fall 1997	Fall 1998[1]				Fall 1999				Estimated, fall 2000[2]
				Total	Elementary	Secondary	Unclassified	Total	Elementary	Secondary	Unclassified	
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**2,598,220**	**[3]2,667,419**	**[3]2,746,157**	**[3]2,830,286**	**[3]1,570,661**	**1,012,907**	**246,718**	**[3]2,906,554**	**[3]1,620,344**	**[3]1,031,245**	**254,965**	**[4]2,953,311**
Alabama	44,056	[3]45,035	[3]45,967	[3]47,766	[3]26,743	21,023	—	[3]48,614	[3]27,906	20,708	—	47,527
Alaska	7,379	7,418	7,625	8,118	5,186	2,932	—	7,838	5,271	2,567	—	8,136
Arizona	38,017	40,521	41,129	42,352	30,729	11,623	—	43,892	31,489	12,403	—	[4]44,562
Arkansas	26,449	[3]26,681	[3]26,931	27,953	12,419	12,668	2,866	31,362	13,567	13,054	4,741	[5]29,025
California	230,849	[3]248,818	[3]268,535	[3]281,784	[3]188,055	65,483	28,246	[3]287,344	[3]192,694	68,292	26,358	[4]299,897
Colorado	35,388	36,398	37,840	39,434	20,378	19,056	—	40,772	20,633	20,139	—	42,100
Connecticut	36,070	36,551	37,658	38,772	22,647	11,284	4,841	39,907	23,422	11,487	4,998	42,512
Delaware	6,463	6,642	6,850	7,074	3,552	3,522	—	7,318	3,696	3,622	—	[5]7,466
District of Columbia	5,305	5,288	4,388	5,187	3,103	1,974	110	[3]4,779	[3]2,899	[3]1,880	.	5,000
Florida	114,938	120,471	124,473	126,796	55,642	49,025	22,129	130,336	57,116	49,890	23,330	[5]133,545
Georgia	79,480	81,795	86,244	88,658	52,375	36,283	—	90,638	53,491	37,147	—	93,636
Hawaii	10,500	10,576	10,653	10,639	5,835	4,762	42	10,866	5,959	4,858	49	10,785
Idaho	12,784	13,078	13,207	13,426	6,924	6,499	3	13,641	6,960	6,681	-	13,900
Illinois	113,538	116,274	118,734	121,758	73,297	30,455	18,006	124,815	75,085	31,030	18,700	128,817
Indiana	55,821	56,708	57,371	58,084	29,812	25,639	2,633	58,864	30,680	25,527	2,657	59,728
Iowa	32,318	32,593	32,700	32,822	19,691	11,985	1,146	33,480	20,371	12,073	1,036	34,203
Kansas	30,729	30,875	31,527	32,003	14,743	13,862	3,398	32,969	15,020	14,414	3,535	33,010
Kentucky	39,120	39,331	40,488	40,803	22,322	11,878	6,603	41,954	22,814	11,868	7,272	[4]40,746
Louisiana	46,980	47,334	48,599	49,124	34,201	14,406	517	50,031	34,468	15,107	456	50,366
Maine	15,392	15,551	15,700	15,890	10,847	5,043	—	16,349	11,142	5,207	—	17,000
Maryland	47,819	47,943	48,318	49,840	25,191	24,649	—	50,995	30,758	20,237	—	53,673
Massachusetts	62,710	64,574	67,170	69,752	24,971	34,857	9,924	77,596	27,822	39,452	10,322	[6]79,473
Michigan	83,179	88,051	90,529	93,220	40,457	42,139	10,624	96,111	42,029	42,950	11,132	95,200
Minnesota	46,971	48,245	51,998	54,449	28,430	24,626	1,393	56,010	29,463	25,009	1,538	56,000
Mississippi	28,997	29,293	29,441	31,140	15,701	10,165	5,274	30,722	15,441	10,035	5,246	[5]30,782
Missouri	57,951	59,428	60,889	62,449	31,531	30,204	714	63,890	32,471	30,661	758	64,000
Montana	10,076	10,268	10,228	10,221	6,911	3,310	—	10,353	7,035	3,318	—	10,290
Nebraska	20,028	20,174	20,065	20,310	11,922	8,273	115	20,766	12,310	8,311	145	[5]20,939
Nevada	13,878	14,805	16,053	16,415	8,535	6,010	1,870	17,380	8,872	6,448	2,060	17,838
New Hampshire	12,346	12,692	12,931	13,290	9,243	4,047	—	14,037	9,619	4,418	—	14,019
New Jersey	86,706	87,642	89,671	92,264	51,921	26,769	13,574	95,883	54,243	27,226	14,414	[4]98,395
New Mexico	19,398	19,971	19,647	19,981	11,561	4,705	3,715	19,797	11,441	4,680	3,676	20,078
New York	181,559	185,104	190,874	197,253	100,746	67,610	28,897	202,078	104,299	68,466	29,313	216,000
North Carolina	73,201	75,239	77,785	79,531	48,076	28,479	2,976	81,914	49,507	29,250	3,157	[5]80,390
North Dakota	7,501	7,892	8,070	7,974	4,920	3,054	—	8,150	4,862	3,288	—	[6]7,713
Ohio	107,347	108,515	110,761	113,984	76,044	37,671	269	116,200	78,068	37,827	305	113,000
Oklahoma	39,364	39,568	40,215	40,876	18,894	17,532	4,450	41,498	19,268	17,684	4,546	42,120
Oregon	26,680	26,757	26,935	27,152	14,649	8,209	4,294	27,803	14,730	8,400	4,673	27,900
Pennsylvania	104,921	106,432	108,014	111,065	50,758	46,530	13,777	114,525	52,804	47,289	14,432	114,700
Rhode Island	10,482	10,656	10,598	11,124	4,924	4,617	1,583	11,041	4,856	4,555	1,630	[6]11,272
South Carolina	39,922	41,463	42,336	43,689	30,246	13,443	—	45,468	31,786	13,682	—	44,449
South Dakota	9,641	9,625	9,282	9,273	5,444	2,994	835	9,384	5,335	2,630	1,419	9,296
Tennessee	53,403	54,790	54,142	59,258	43,026	14,940	1,292	60,702	44,305	15,195	1,202	56,971
Texas	240,371	247,650	254,557	259,739	126,739	96,352	36,648	267,935	130,273	98,495	39,167	274,345
Utah	20,039	19,734	21,115	21,501	10,303	8,782	2,416	21,832	10,527	8,909	2,396	21,500
Vermont	7,676	7,751	7,909	8,221	3,119	3,160	1,942	8,474	3,265	3,280	1,929	8,710
Virginia	74,731	[3]74,526	[3]77,575	[3]79,323	[3]47,787	31,536	—	[3]81,073	[3]48,528	32,545	—	[4]82,616
Washington	46,907	48,307	49,074	49,671	24,902	20,325	4,444	50,368	25,495	20,424	4,449	[4]51,164
West Virginia	21,073	20,888	20,947	20,989	10,243	7,072	3,674	21,082	10,337	7,016	3,729	20,337
Wisconsin	55,033	54,769	55,732	61,176	41,865	17,971	1,340	60,778	42,699	18,079	.	[6]61,285
Wyoming	6,734	6,729	6,677	6,713	3,101	3,474	138	6,940	3,213	3,532	195	6,895
Bureau of Indian Affairs	—	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools[7]	—	5,000	5,227	5,171	2,337	1,847	987	7,415	3,204	2,149	2,062	—
Outlying areas												
American Samoa	728	734	762	764	513	236	15	801	577	209	15	[4]815
Guam	1,802	1,552	1,363	1,052	513	523	16	1,809	954	840	15	[4]1,869
Northern Marianas	422	441	483	496	304	182	10	488	288	193	7	[6]521
Puerto Rico	39,328	39,743	38,953	39,781	21,097	15,296	3,388	41,349	21,870	15,952	3,527	[4]41,708
Virgin Islands	1,622	1,580	1,559	1,567	765	764	38	1,528	753	748	27	1,520

—Not available.

[1] Data have been revised from previously published figures.

[2] Unless otherwise indicated, data were estimated by state education agencies.

[3] Includes imputations for underreporting of prekindergarten teachers.

[4] Data imputed by the National Center for Education Statistics based on previous year's data.

[5] Actual preliminary count by state.

[6] Early estimate number reported by state, adjusted by the National Center for Education Statistics.

[7] Includes overseas schools only through 1998. Data for 1999 includes both overseas and domestic schools.

NOTE: Distribution of elementary and secondary teachers determined by reporting units. Teachers reported in full-time equivalents.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared March 2001.)

Table 67.—Teachers, enrollment, and pupil/teacher ratios in public elementary and secondary schools, by state: Fall 1994 to fall 1999

State or other area	Pupil/teacher ratio, fall 1994	Pupil/teacher ratio, fall 1995	Pupil/teacher ratio, fall 1996	Fall 1997			Fall 1998 [1]			Fall 1999		
				Teachers	Enrollment	Pupil/teacher ratio	Teachers	Enrollment	Pupil/teacher ratio	Teachers	Enrollment	Pupil/teacher ratio
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**17.3**	**17.3**	**17.1**	**[2]2,746,157**	**[2]46,126,897**	**16.8**	**[2]2,830,286**	**[2]46,538,585**	**[2]16.4**	**[2]2,906,554**	**[2]46,857,321**	**[2]16.1**
Alabama	17.2	16.9	16.6	[2]45,967	[2]749,207	16.3	[2]47,766	[2]747,980	[2]15.7	[2]48,614	[2]740,732	[2]15.2
Alaska	17.6	17.3	17.5	7,625	132,123	17.3	8,118	135,373	16.7	7,838	134,391	17.1
Arizona	19.3	19.6	19.7	41,129	814,113	19.8	42,352	848,262	20.0	43,892	852,612	19.4
Arkansas	17.1	17.1	17.1	[2]26,931	456,497	17.0	27,953	452,256	16.2	31,362	451,034	14.4
California	24.0	24.0	22.9	[2]268,535	[2]5,803,887	21.6	[2]281,784	[2]5,926,037	[2]21.0	[2]287,344	[2]6,038,589	[2]21.0
Colorado	18.4	18.5	18.5	37,840	687,167	18.2	39,434	699,135	17.7	40,772	708,109	17.4
Connecticut	14.4	14.4	14.4	37,658	535,164	14.2	38,772	544,698	14.0	39,907	553,993	13.9
Delaware	16.6	16.8	16.6	6,850	111,960	16.3	7,074	113,262	16.0	7,318	112,836	15.4
District of Columbia	13.2	15.0	14.9	[3]4,388	77,111	17.6	5,187	71,889	13.9	[2]4,779	77,194	[2]16.2
Florida	19.1	18.9	18.6	124,473	2,294,077	18.4	126,796	2,337,633	18.4	130,336	2,381,396	18.3
Georgia	16.3	16.5	16.5	86,244	1,375,980	16.0	88,658	1,401,291	15.8	90,638	1,422,762	15.7
Hawaii	17.9	17.8	17.7	10,653	189,887	17.8	10,639	188,069	17.7	10,866	185,860	17.1
Idaho	19.1	19.0	18.8	13,207	244,403	18.5	13,426	244,722	18.2	13,641	245,331	18.0
Illinois	17.3	17.1	17.0	118,734	1,998,289	16.8	121,758	2,011,530	16.5	124,815	2,027,600	16.2
Indiana	17.5	17.5	17.3	57,371	986,836	17.2	58,084	989,001	17.0	58,864	988,702	16.8
Iowa	15.8	15.5	15.4	32,700	501,054	15.3	32,822	498,214	15.2	33,480	497,301	14.9
Kansas	15.1	15.1	15.1	31,527	468,687	14.9	32,003	472,353	14.8	32,969	472,188	14.3
Kentucky	17.0	16.9	16.7	40,488	669,322	16.5	40,803	655,687	16.1	41,954	648,180	15.4
Louisiana	16.8	17.0	16.8	48,599	776,813	16.0	49,124	768,734	16.6	50,031	756,579	16.6
Maine	13.8	13.9	13.7	15,700	212,579	13.5	15,890	211,051	13.3	16,349	209,253	12.8
Maryland	17.0	16.8	17.1	48,318	830,744	17.2	49,840	841,671	16.9	50,995	846,582	16.6
Massachusetts	14.8	14.6	14.5	67,170	949,006	14.1	69,752	962,317	13.8	77,596	971,425	12.5
Michigan	20.1	19.7	19.1	90,529	1,702,717	18.8	93,220	[2]1,720,287	[2]18.5	96,111	1,725,617	18.0
Minnesota	17.5	17.8	17.6	51,998	853,621	16.4	54,449	856,455	15.7	56,010	854,034	15.2
Mississippi	17.5	17.5	17.2	29,441	504,792	17.1	31,140	502,379	16.1	30,722	500,716	16.3
Missouri	15.5	15.4	15.2	60,889	910,613	15.0	62,449	913,494	14.6	63,890	914,110	14.3
Montana	16.3	16.4	16.0	10,228	162,335	15.9	10,221	159,988	15.7	10,353	157,556	15.2
Nebraska	14.5	14.5	14.5	20,065	292,681	14.6	20,310	291,140	14.3	20,766	288,261	13.9
Nevada	18.7	19.1	19.1	16,053	296,621	18.5	16,415	311,061	18.9	17,380	325,610	18.7
New Hampshire	15.6	15.7	15.6	12,931	201,629	15.6	13,290	204,713	15.4	14,037	206,783	14.7
New Jersey	13.8	13.8	14.0	89,671	1,250,276	13.9	92,264	1,268,996	13.8	95,883	1,289,256	13.4
New Mexico	17.2	17.0	16.7	19,647	331,673	16.9	19,981	328,753	16.5	19,797	324,495	16.4
New York	15.2	15.5	15.4	190,874	2,861,823	15.0	197,253	2,877,143	14.6	202,078	2,887,776	14.3
North Carolina	16.2	16.2	16.1	77,785	1,236,083	15.9	79,531	1,254,821	15.8	81,914	1,275,925	15.6
North Dakota	15.3	15.9	15.2	8,070	118,572	14.7	7,974	114,927	14.4	8,150	112,751	13.8
Ohio	16.6	17.1	17.0	110,761	1,847,114	16.7	113,984	1,842,163	16.2	116,200	1,836,554	15.8
Oklahoma	15.5	15.7	15.7	40,215	623,681	15.5	40,876	628,492	15.4	41,498	627,032	15.1
Oregon	19.9	19.8	20.1	26,935	541,346	20.1	27,152	542,809	20.0	27,803	545,033	19.6
Pennsylvania	17.1	17.0	17.0	108,014	1,815,151	16.8	111,065	1,816,414	16.4	114,525	1,816,716	15.9
Rhode Island	14.7	14.3	14.2	10,598	153,321	14.5	11,124	154,785	13.9	11,041	156,454	14.2
South Carolina	16.4	16.2	15.7	42,336	[2]659,273	15.6	43,689	[2]664,600	[2]15.2	45,468	666,780	14.7
South Dakota	14.4	15.0	14.9	9,282	142,443	15.3	9,273	132,495	14.3	9,384	131,037	14.0
Tennessee	18.6	16.7	16.5	54,142	[2]893,044	16.5	59,258	[2]905,454	[2]15.3	60,702	[2]916,202	[2]15.1
Texas	15.7	15.6	15.5	254,557	3,891,877	15.3	259,739	3,945,367	15.2	267,935	3,991,783	14.9
Utah	24.3	23.8	24.4	21,115	482,957	22.9	21,501	481,176	22.4	21,832	480,255	22.0
Vermont	13.8	13.8	13.7	7,909	105,984	13.4	8,221	105,120	12.8	8,474	104,559	12.3
Virginia	14.6	14.4	14.7	[2]77,575	1,110,815	14.3	[2]79,323	1,124,022	[2]14.2	[2]81,073	[2]1,133,994	[2]14.0
Washington	20.2	20.4	20.2	49,074	991,235	20.2	49,671	998,053	20.1	50,368	1,003,714	19.9
West Virginia	14.8	14.6	14.6	20,947	301,419	14.4	20,989	297,530	14.2	21,082	291,811	13.8
Wisconsin	15.9	15.8	16.1	55,732	881,780	15.8	61,176	879,542	14.4	60,778	877,753	14.4
Wyoming	14.9	14.8	14.7	6,677	97,115	14.5	6,713	95,241	14.2	6,940	92,105	13.3
Bureau of Indian Affairs	—	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools [4]	—	—	16.1	5,227	78,254	15.0	5,171	78,170	15.1	7,415	107,585	14.5
Outlying areas												
American Samoa	20.7	20.0	20.1	762	15,214	20.0	764	15,372	20.1	801	15,477	19.3
Guam	17.6	18.3	21.5	1,363	32,444	23.8	1,052	32,222	30.6	1,809	32,951	18.2
Northern Marianas	20.8	20.9	20.5	483	9,246	19.1	496	9,498	19.1	488	9,732	19.9
Puerto Rico	15.6	16.0	15.6	38,953	617,157	15.8	39,781	613,862	15.4	41,349	613,019	14.8
Virgin Islands	15.1	14.0	14.2	1,559	22,136	14.2	1,567	20,976	13.4	1,528	20,866	13.7

—Not available.

[1] Data revised from previously published data.

[2] Includes imputations for underreporting.

[3] Data imputed by the National Center for Education Statistics based on previous year's data.

[4] Includes overseas schools only through 1998. Data for 1999 includes both overseas and domestic schools.

NOTE: Teachers reported in full-time equivalents.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared February 2001.)

Table 68.—Teachers in public and private elementary and secondary schools, by selected characteristics: 1993–94

Selected characteristics	Total[1]	Percent of teachers, by highest degree earned						Percent of teachers, by years of full-time teaching experience			
		No degree	Associate	Bachelor's	Master's	Education specialist	Doctor's	Less than 3	3 to 9	10 to 20	Over 20
1	2	3	4	5	6	7	8	9	10	11	12
	Public schools										
Total	**2,561,294**	**0.6**	**0.2**	**52.0**	**42.0**	**4.6**	**0.7**	**9.7**	**25.5**	**35.0**	**29.8**
Men	694,098	1.3	0.4	46.2	45.7	5.1	1.3	8.9	21.6	29.9	39.6
Women	1,867,195	0.3	0.1	54.1	40.6	4.4	0.5	10.0	26.9	37.0	26.1
Race/ethnicity											
White	2,216,605	0.5	0.1	51.8	42.5	4.4	0.7	9.4	25.5	35.1	30.0
Black	188,371	0.5	0.2	48.4	44.6	5.4	0.9	8.5	20.8	35.5	35.2
Hispanic	108,744	0.9	0.5	62.8	29.8	4.6	1.4	16.7	32.1	34.1	17.1
Asian or Pacific Islander	27,510	0.9	0.4	49.3	34.7	13.1	1.7	14.9	29.7	29.2	26.2
American Indian or Alaskan Native	20,064	0.8	0.3	54.9	39.1	4.3	0.6	11.3	27.6	34.5	26.6
Age											
Less than 30	280,342	0.5	0.1	83.9	14.5	1.0	0.1	47.8	52.2	(2)	(2)
30 to 39	573,444	0.5	0.2	59.4	36.6	3.0	0.3	10.5	48.7	40.8	(2)
40 to 49	1,070,459	0.4	0.1	46.3	47.0	5.4	0.7	4.3	16.9	47.5	31.3
50 to 59	540,491	0.7	0.2	40.6	51.2	6.1	1.2	1.4	7.8	25.0	65.7
60 or more	96,557	1.5	0.1	43.1	46.2	6.6	2.5	0.8	4.4	19.9	74.9
Level											
Elementary	1,331,281	0.2	(2)	55.5	39.7	4.1	0.4	9.7	27.1	35.5	27.7
General	938,636	0.3	(2)	58.0	38.0	3.5	0.3	9.2	26.5	34.9	29.4
English	2,093	(2)	(2)	46.0	52.3	1.0	0.8	12.5	11.2	17.9	58.4
Mathematics	3,372	(2)	(2)	74.6	24.4	(2)	1.0	11.6	13.1	40.9	34.3
Special education	127,877	(2)	(2)	45.1	46.9	7.2	0.9	11.1	34.1	39.9	15.0
Other elementary	259,304	0.3	0.1	51.3	42.6	4.9	0.8	11.1	25.8	35.6	27.5
Secondary	1,230,013	0.9	0.3	48.2	44.4	5.1	1.1	9.7	23.8	34.5	32.0
English	172,603	0.1	(2)	48.3	44.8	5.5	1.3	9.2	22.9	33.6	34.3
Mathematics	141,051	0.1	(2)	50.2	45.5	3.4	0.8	9.4	24.3	31.7	34.5
Science	132,179	0.2	(2)	47.9	45.8	4.8	1.2	9.5	26.1	31.2	33.2
Social studies	130,045	0.1	(2)	47.8	46.0	4.9	1.2	10.3	20.5	28.7	40.5
Special education	111,215	0.1	0.1	42.1	49.1	7.2	1.3	9.3	28.8	45.1	16.8
Vocational/technical	113,269	7.3	2.3	45.2	39.9	4.7	0.5	6.8	23.0	35.7	34.5
Other secondary	429,653	0.5	0.2	50.1	43.0	5.1	1.1	10.7	23.1	35.6	30.7
	Private schools										
Total	**378,365**	**5.2**	**1.5**	**59.0**	**29.8**	**2.9**	**1.7**	**20.9**	**33.9**	**29.6**	**15.6**
Men	93,130	4.4	0.9	47.3	40.6	2.6	4.3	21.7	28.2	28.7	21.4
Women	285,235	5.4	1.7	62.8	26.3	3.0	0.8	20.6	35.8	29.9	13.7
Race/ethnicity											
White	347,811	4.8	1.3	59.4	30.2	2.6	1.6	20.4	33.6	30.0	16.0
Black	11,664	8.3	3.7	55.8	26.4	4.8	1.0	26.9	34.9	27.9	10.3
Hispanic	12,221	11.1	4.9	57.4	19.9	4.4	2.3	25.5	41.8	21.6	11.1
Asian or Pacific Islander	5,167	6.8	0.9	46.1	36.8	5.7	3.6	26.1	34.6	26.6	12.7
American Indian or Alaskan Native	1,502	3.4	6.0	49.4	16.1	25.1	(2)	29.4	42.8	17.9	9.9
Age											
Less than 30	65,168	7.7	1.6	78.8	10.8	1.0	0.2	54.9	44.9	0.1	(2)
30 to 39	93,999	5.9	1.2	63.1	25.7	2.6	1.4	21.7	51.2	27.1	(2)
40 to 49	131,492	3.9	1.6	54.0	35.1	3.4	2.0	12.6	29.8	45.5	12.1
50 to 59	65,691	4.0	1.8	49.7	38.4	3.5	2.5	7.4	15.7	35.7	41.2
60 or more	22,015	5.6	0.9	39.4	46.6	4.4	2.9	6.6	6.5	13.8	73.1
Level											
Elementary	221,036	7.0	1.7	65.9	21.8	2.8	0.8	21.9	36.0	29.0	13.1
General	153,691	6.1	1.3	69.4	19.5	3.2	0.4	17.7	37.4	31.0	14.0
Special education	7,652	5.0	0.2	46.4	45.0	3.4	0.0	18.2	46.8	26.5	8.5
Other elementary	59,692	9.3	2.9	59.3	24.7	1.6	2.0	33.3	31.2	24.2	11.3
Secondary	157,329	2.6	1.2	49.2	41.1	3.0	2.8	19.5	30.9	30.4	19.2
English	24,335	1.6	(2)	51.3	43.1	1.5	2.5	16.3	30.8	31.3	21.7
Mathematics	23,238	1.3	0.9	50.1	42.6	3.0	2.2	14.7	31.1	29.3	24.8
Science	18,399	0.1	(2)	49.5	42.3	4.2	4.0	21.3	27.7	31.2	19.9
Social studies	20,059	0.2	0.4	53.5	38.7	4.1	3.1	21.0	27.8	30.8	20.4
Special education	6,048	0.1	3.7	56.5	33.7	5.1	0.9	17.8	42.8	29.0	10.4
Vocational/ technical	2,834	14.0	4.6	40.8	40.6	(2)	(2)	12.7	22.6	42.1	22.6
Other secondary	62,415	4.8	2.0	46.3	40.9	2.9	3.1	22.0	32.1	29.7	16.2

[1] Data are based upon a sample survey and may not be strictly comparable with data reported elsewhere.

[2] Less than .05 percent.

NOTE: Excludes prekindergarten teachers. Data are based on a head count of all teachers rather than on the number of full-time-equivalent teachers reported in other tables. Detail may not sum to totals due to survey item nonresponse and rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared June 1997, new data forthcoming in 2002.)

Table 69.—Highest degree earned, number of years teaching experience, and average class size for teachers in public elementary and secondary schools, by state: 1993–94

State	Total[1]	Percent of teachers, by highest degree[2]				Percent of teachers, by years of full-time teaching experience				Average class size[3]	
		Bachelor's	Master's	Education specialist	Doctor's	Less than 3	3 to 9	10 to 20	Over 20	Elementary	Secondary
1	2	3	4	5	6	7	8	9	10	11	12
United States	**2,561,294**	**52.0 (0.3)**	**42.0 (0.3)**	**4.6 (0.1)**	**0.7 (0.1)**	**9.7 (0.2)**	**25.5 (0.3)**	**35.0 (0.3)**	**29.8 (0.3)**	**24.1 (0.1)**	**23.6 (0.1)**
Alabama	44,791	38.5 (1.9)	52.6 (1.7)	7.8 (0.8)	0.7 (0.3)	11.1 (0.8)	22.0 (1.5)	42.2 (1.9)	24.7 (1.5)	21.7 (0.4)	24.2 (0.2)
Alaska	8,152	59.0 (1.1)	35.3 (1.0)	4.2 (0.5)	0.2 (0.1)	8.0 (0.6)	29.3 (1.4)	42.7 (1.4)	20.0 (1.1)	22.6 (0.5)	22.0 (0.5)
Arizona	37,600	51.4 (1.8)	43.3 (1.7)	4.0 (0.6)	0.7 (0.2)	13.1 (1.0)	29.1 (1.6)	38.1 (1.7)	19.8 (1.4)	25.8 (0.4)	25.5 (0.3)
Arkansas	30,621	64.9 (2.1)	32.5 (1.7)	1.8 (0.6)	0.5 (0.1)	9.2 (0.8)	27.3 (1.7)	40.2 (1.8)	23.3 (1.6)	21.0 (0.4)	21.3 (0.3)
California	209,032	58.6 (1.8)	32.6 (1.8)	6.8 (0.7)	1.0 (0.2)	9.8 (0.8)	27.8 (1.9)	31.8 (1.7)	30.7 (1.7)	29.3 (0.3)	29.7 (0.4)
Colorado	35,723	46.5 (1.7)	49.4 (1.7)	2.5 (0.6)	0.5 (0.1)	9.4 (0.8)	26.1 (1.6)	38.7 (1.6)	25.7 (1.4)	24.7 (0.3)	24.5 (0.4)
Connecticut	35,465	19.6 (1.1)	62.4 (1.5)	15.7 (0.7)	1.4 (0.4)	6.4 (0.6)	19.8 (1.1)	35.5 (1.7)	38.3 (1.6)	21.4 (0.2)	19.7 (0.2)
Delaware	7,027	46.0 (1.6)	48.3 (1.8)	5.1 (0.9)	0.2 (0.1)	7.7 (1.0)	24.1 (1.9)	36.2 (2.3)	32.0 (2.1)	24.8 (0.4)	24.1 (0.4)
District of Columbia	5,185	41.2 (1.8)	54.4 (1.7)	2.4 (0.8)	2.0 (0.7)	10.8 (1.4)	14.7 (2.1)	30.6 (2.2)	43.9 (3.4)	21.8 (0.3)	20.7 (0.6)
Florida	106,535	57.2 (1.2)	37.0 (1.2)	3.3 (0.6)	1.4 (0.4)	8.7 (0.9)	29.4 (1.6)	37.8 (1.7)	24.0 (1.4)	26.0 (0.3)	26.6 (0.4)
Georgia	74,907	48.9 (1.5)	42.5 (1.6)	7.7 (0.8)	0.2 (0.1)	13.3 (1.1)	28.3 (1.4)	35.6 (1.4)	22.8 (1.3)	22.2 (0.2)	24.2 (0.3)
Hawaii	11,137	47.8 (2.1)	21.7 (1.5)	27.5 (2.2)	1.1 (0.4)	16.2 (1.4)	28.1 (1.6)	22.0 (1.4)	33.7 (2.2)	23.6 (0.3)	23.6 (0.8)
Idaho	12,166	74.4 (1.6)	21.7 (1.5)	2.6 (0.5)	0.6 (0.2)	12.4 (1.2)	33.3 (1.5)	33.7 (1.3)	20.6 (1.2)	24.0 (0.5)	23.7 (0.4)
Illinois	111,511	49.7 (1.3)	46.1 (1.4)	3.4 (0.5)	0.5 (0.2)	9.0 (0.6)	25.1 (1.0)	30.8 (1.3)	35.1 (1.3)	24.5 (0.3)	24.0 (0.3)
Indiana	57,732	21.4 (1.7)	72.9 (1.7)	4.9 (0.6)	0.1 (0.1)	5.6 (0.8)	24.7 (2.0)	37.1 (2.2)	32.6 (2.0)	21.9 (0.4)	23.0 (0.3)
Iowa	35,861	67.3 (1.8)	31.3 (1.9)	1.2 (0.5)	0.2 (0.1)	10.1 (1.0)	23.3 (1.7)	32.1 (2.1)	34.5 (2.3)	22.5 (0.6)	21.4 (0.5)
Kansas	31,164	53.5 (1.4)	42.8 (1.2)	2.3 (0.5)	1.1 (0.3)	12.3 (0.8)	28.2 (1.3)	35.2 (1.3)	24.3 (1.1)	20.6 (0.3)	20.7 (0.4)
Kentucky	41,571	23.4 (2.2)	56.8 (2.4)	18.7 (1.5)	0.8 (0.4)	9.5 (1.6)	26.8 (2.3)	32.9 (2.2)	30.8 (2.2)	24.4 (0.9)	23.5 (0.4)
Louisiana	48,948	60.5 (1.6)	31.2 (1.5)	6.9 (0.7)	0.5 (0.1)	9.7 (0.8)	29.8 (1.3)	35.1 (1.4)	25.5 (1.3)	22.9 (0.3)	23.7 (0.3)
Maine	15,658	68.4 (1.9)	28.4 (1.9)	1.6 (0.4)	0.2 (0.1)	7.0 (0.7)	28.7 (1.9)	37.4 (1.8)	26.9 (1.8)	21.5 (1.1)	18.5 (0.4)
Maryland	43,862	43.3 (1.9)	49.7 (2.3)	6.2 (1.1)	0.6 (0.2)	11.7 (0.9)	23.6 (1.6)	32.4 (1.4)	32.4 (1.5)	26.3 (0.7)	25.0 (0.3)
Massachusetts	58,416	38.8 (1.2)	54.8 (1.4)	3.9 (0.5)	0.9 (0.1)	8.4 (0.7)	17.1 (1.0)	33.6 (1.3)	41.0 (1.1)	23.1 (0.4)	20.9 (0.3)
Michigan	83,288	46.6 (1.9)	48.1 (1.8)	4.7 (0.8)	0.6 (0.3)	7.4 (1.0)	21.5 (1.8)	29.4 (2.1)	41.9 (2.2)	27.3 (1.9)	25.5 (0.3)
Minnesota	44,150	63.4 (2.1)	33.6 (2.0)	2.6 (0.6)	0.4 (0.2)	13.0 (1.1)	20.0 (1.5)	33.0 (1.7)	34.0 (1.8)	24.5 (1.0)	25.9 (0.4)
Mississippi	29,851	56.3 (1.5)	37.5 (1.7)	4.3 (0.9)	0.4 (0.2)	10.5 (0.8)	22.8 (1.4)	39.8 (1.8)	26.9 (1.2)	23.6 (0.4)	22.5 (0.4)
Missouri	62,454	54.3 (2.0)	42.4 (1.9)	2.2 (0.5)	0.6 (0.2)	10.6 (1.1)	26.9 (2.0)	37.2 (2.2)	25.3 (1.9)	23.7 (0.5)	22.5 (0.4)
Montana	12,851	71.3 (1.3)	26.0 (1.1)	1.8 (0.4)	0.5 (0.2)	11.1 (0.7)	27.5 (1.3)	39.0 (1.3)	22.5 (1.1)	21.2 (0.8)	19.3 (0.4)
Nebraska	20,411	61.5 (1.7)	36.0 (1.6)	1.9 (0.4)	0.4 (0.2)	10.1 (1.0)	24.4 (1.4)	39.0 (1.1)	26.5 (1.6)	20.0 (0.8)	18.7 (0.4)
Nevada	12,822	50.5 (2.2)	42.8 (2.3)	5.7 (0.9)	0.6 (0.3)	12.0 (1.1)	33.2 (2.4)	35.0 (1.8)	19.8 (1.8)	24.4 (0.7)	26.6 (0.6)
New Hampshire	12,299	60.2 (2.0)	35.9 (1.9)	2.6 (0.6)	0.7 (0.3)	10.6 (1.2)	26.8 (1.7)	38.2 (1.6)	24.4 (1.6)	21.8 (0.4)	20.5 (0.4)
New Jersey	83,935	56.2 (2.9)	37.4 (2.7)	4.8 (1.0)	1.0 (0.3)	5.8 (0.8)	21.1 (2.0)	34.6 (2.4)	38.5 (1.9)	23.2 (0.8)	20.5 (0.4)
New Mexico	19,265	53.2 (1.6)	43.6 (1.6)	2.2 (0.5)	0.4 (0.2)	12.5 (1.0)	32.5 (1.4)	33.9 (1.6)	21.1 (1.5)	21.9 (0.3)	24.5 (0.4)
New York	178,701	25.0 (1.9)	68.1 (1.9)	5.3 (0.8)	1.5 (0.6)	10.3 (1.2)	23.9 (1.7)	29.7 (1.6)	36.1 (2.0)	23.9 (0.4)	23.2 (0.4)
North Carolina	72,305	61.8 (1.5)	35.0 (1.6)	1.2 (0.4)	0.5 (0.3)	9.7 (0.7)	26.6 (1.4)	38.8 (1.3)	25.0 (1.3)	24.8 (0.2)	22.4 (0.3)
North Dakota	8,404	79.3 (1.1)	18.0 (0.9)	1.6 (0.3)	0.2 (0.1)	12.1 (1.0)	27.2 (1.0)	37.7 (1.5)	23.0 (1.4)	20.7 (0.7)	19.7 (0.5)
Ohio	111,518	53.2 (2.2)	41.8 (2.3)	3.1 (0.7)	0.4 (0.2)	6.8 (0.8)	23.2 (1.8)	38.6 (2.1)	31.4 (2.1)	25.0 (1.2)	22.3 (0.4)
Oklahoma	42,220	56.9 (1.8)	39.5 (1.9)	3.2 (0.5)	0.4 (0.2)	10.4 (0.8)	27.0 (1.7)	41.2 (1.8)	21.5 (1.1)	20.5 (0.4)	20.5 (0.3)
Oregon	25,706	51.5 (1.9)	43.1 (1.9)	4.0 (0.9)	0.8 (0.5)	7.4 (0.8)	27.0 (1.6)	39.6 (1.7)	26.0 (1.7)	24.4 (0.3)	23.9 (0.4)
Pennsylvania	114,571	46.7 (2.3)	45.6 (1.9)	6.9 (1.2)	0.3 (0.2)	6.9 (1.0)	18.3 (2.0)	33.0 (2.2)	41.8 (2.2)	25.2 (0.6)	24.1 (0.3)
Rhode Island	9,217	40.1 (2.5)	53.3 (2.4)	5.7 (0.9)	1.0 (0.5)	7.2 (1.1)	21.9 (1.8)	28.6 (1.7)	42.3 (2.0)	23.2 (0.6)	20.8 (0.5)
South Carolina	39,623	48.8 (2.5)	43.4 (2.6)	5.6 (0.9)	0.7 (0.3)	10.5 (1.4)	25.1 (1.9)	42.3 (1.9)	22.1 (1.7)	23.3 (0.7)	22.5 (0.4)
South Dakota	10,579	75.1 (1.2)	23.2 (1.1)	1.5 (0.3)	0.1 (0.1)	10.4 (0.7)	28.6 (1.2)	37.3 (1.1)	23.8 (1.2)	19.2 (0.3)	20.9 (0.4)
Tennessee	47,662	51.2 (2.0)	42.0 (2.0)	4.8 (0.8)	1.2 (0.4)	12.4 (1.1)	22.9 (1.9)	35.5 (2.0)	29.2 (2.2)	24.4 (1.2)	25.2 (0.4)
Texas	223,800	69.7 (1.3)	26.8 (1.5)	1.8 (0.4)	0.9 (0.5)	12.1 (0.9)	30.1 (1.5)	37.5 (1.4)	20.4 (1.4)	20.1 (0.2)	22.5 (0.4)
Utah	19,884	70.6 (1.4)	23.5 (1.3)	4.2 (0.7)	0.4 (0.1)	12.7 (0.8)	32.8 (1.4)	36.1 (1.4)	18.3 (1.0)	27.5 (0.4)	28.8 (0.2)
Vermont	7,327	49.4 (1.8)	47.5 (1.8)	2.1 (0.8)	0.5 (0.4)	12.3 (1.5)	25.3 (1.9)	34.4 (1.9)	28.0 (1.8)	19.7 (0.8)	19.2 (0.4)
Virginia	64,937	64.4 (2.1)	31.3 (2.0)	2.4 (0.6)	0.5 (0.2)	10.5 (1.2)	26.0 (2.2)	37.5 (2.0)	26.1 (1.9)	22.6 (0.3)	21.6 (0.3)
Washington	48,452	56.3 (1.9)	37.5 (2.2)	3.6 (0.9)	1.0 (0.3)	10.8 (0.9)	30.1 (2.0)	32.2 (1.9)	26.9 (1.6)	25.9 (1.3)	25.5 (0.2)
West Virginia	21,473	41.7 (1.7)	53.1 (1.7)	4.3 (0.6)	— —	4.4 (0.8)	21.6 (1.6)	42.7 (1.5)	31.4 (1.7)	20.9 (0.5)	22.5 (0.3)
Wisconsin	62,958	59.3 (1.7)	38.1 (1.6)	1.7 (0.4)	0.6 (0.3)	9.1 (0.8)	24.7 (1.8)	29.5 (2.2)	36.7 (2.2)	23.1 (0.4)	23.1 (0.4)
Wyoming	7,567	71.3 (1.0)	26.5 (0.9)	1.4 (0.3)	0.4 (0.1)	9.4 (0.8)	22.6 (1.2)	41.6 (1.3)	26.5 (1.3)	21.0 (0.3)	19.3 (0.3)

—Not available.

[1] Data are based on a head count of all teachers rather than on the number of full-time-equivalent teachers appearing in other tables.

[2] Teachers with less than a bachelor's degree are not shown.

[3] Elementary teachers are those who taught self-contained classes at the elementary level and secondary teachers are those who taught departmentalized classes (e.g., science, art, social science, or other course subjects) at the secondary level. Excludes special education teachers. Teachers were classified as elementary or secondary on the basis of the grades they taught, rather than on the level of the school in which they taught.

NOTE: Excludes prekindergarten teachers. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94," and *Condition of Education, 1997, Supplemental Tables*. (This table was prepared February 1998, new data forthcoming in 2002.)

Table 70.—Selected characteristics of public school teachers: Spring 1961 to spring 1996

Item	1961	1966	1971	1976	1981	1986	1991	1996
1	2	3	4	5	6	7	8	9
Number of teachers, in thousands	**1,408**	**1,710**	**2,055**	**2,196**	**2,185**	**2,206**	**2,398**	**2,164**
Sex (percent)								
Men	31.3	31.1	34.3	32.9	33.1	31.2	27.9	25.6
Women	68.7	68.9	65.7	67.1	66.9	68.8	72.1	74.4
Median age (years)								
All teachers	41	36	35	33	37	41	42	44
Men	34	33	33	33	38	42	43	46
Women	46	40	37	33	36	41	42	44
Race (percent)								
White	—	—	88.3	90.8	91.6	89.6	86.8	90.7
Black	—	—	8.1	8.0	7.8	6.9	8.0	7.3
Other	—	—	3.6	1.2	0.7	3.4	5.2	2.0
Marital status (percent)								
Single	22.3	22.0	19.5	20.1	18.5	12.9	11.7	12.4
Married	68.0	69.1	71.9	71.3	73.0	75.7	75.7	75.9
Widowed, divorced, or separated	9.7	9.0	8.6	8.6	8.5	11.4	12.6	11.8
Highest degree held (percent)[1]								
Less than bachelor's	14.6	7.0	2.9	0.9	0.4	0.3	0.6	0.3
Bachelor's	61.9	69.6	69.6	61.6	50.1	48.3	46.3	43.6
Master's or specialist degree	23.1	23.2	27.1	37.1	49.3	50.7	52.6	54.5
Doctor's	0.4	0.1	0.4	0.4	0.3	0.7	0.5	1.7
College credits earned in last 3 years								
Percent who earned credits	—	—	60.7	63.2	56.1	53.1	50.3	50.2
Mean number of credits earned[2]	—	—	14	—	9	4	4	—
Median years of teaching experience	11	8	8	8	12	15	15	15
Teaching for first year (percent)	8.0	9.1	9.1	5.5	2.4	3.1	3.0	2.1
Average number of pupils per class								
Elementary teachers, not departmentalized	29	28	27	25	25	24	24	24
Elementary teachers, departmentalized	—	—	25	23	22	—	—	—
Secondary teachers	28	26	27	25	23	25	26	31
Mean number of students taught per day by secondary teachers	138	132	134	126	118	94	93	97
Average number of hours in required school day	7.4	7.3	7.3	7.3	7.3	7.3	7.2	7.3
Average number of hours per week spent on all teaching duties								
All teachers	47	47	47	46	46	49	47	49
Elementary teachers	49	47	46	44	44	47	44	47
Secondary teachers	46	48	48	48	48	51	50	52
Average number of days of classroom teaching in school year	—	181	181	180	180	180	180	180
Average number of nonteaching days in school year	—	5	4	5	6	5	5	6
In current dollars								
Average annual salary as classroom teacher	[3]$5,264	$6,253	$9,261	$12,005	$17,209	$24,504	$31,790	$35,549
Total income, including spouse's (if married)	—	—	$15,021	$19,957	$29,831	$43,413	$55,491	$63,171
Willingness to teach again (percent)								
Certainly would	49.9	52.6	44.9	37.5	21.8	22.7	28.6	32.1
Probably would	26.9	25.4	29.5	26.1	24.6	26.3	30.5	30.5
Chances about even	12.5	12.9	13.0	17.5	17.6	19.8	18.5	17.3
Probably would not	7.9	7.1	8.9	13.4	24.0	22.0	17.0	15.8
Certainly would not	2.8	2.0	3.7	5.6	12.0	9.3	5.4	4.3

—Not available.

[1] Figures for curriculum specialist or professional diploma based on six years of college study are not included.

[2] Measured in semester hours.

[3] Includes extra pay for extra duties.

NOTE: Data are based upon sample surveys of public school teachers. Data differ from figures appearing in other tables because of varying processing procedures and time period coverages. Detail may not sum to totals due to rounding.

SOURCE: National Education Association, "Status of the American Public School Teacher, 1995–96." (Copyright © 1997 by the National Education Association. All rights reserved.) (This table was prepared October 1997.)

Table 71.—Public secondary school teachers, by subject taught: Spring 1966 to spring 1996

[Percentage distribution]

Teaching field in which largest portion of time was spent	1966	1971	1976	1981	1986	1991	1996
1	2	3	4	5	6	7	8
Total secondary school teachers, in thousands	**746**	**,927**	**1,016**	**995**	**970**	**1,012**	**1,049**
	Percent distribution, by field of study						
All fields	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture	1.6	0.6	0.6	1.1	0.6	0.3	0.5
Art	2.0	3.7	2.4	3.1	1.5	2.6	3.3
Business education	7.0	5.9	4.6	6.2	6.5	3.5	4.1
English	18.1	20.4	19.9	23.8	21.8	25.0	23.9
Foreign language	6.4	4.8	4.2	2.8	3.7	3.8	5.2
Health and physical education	6.9	8.3	7.9	6.5	5.6	7.5	5.9
Home economics	5.9	5.1	2.8	3.6	2.6	3.1	2.2
Industrial arts	5.1	4.1	3.9	5.2	2.2	2.1	0.5
Mathematics	13.9	14.4	18.2	15.3	19.2	14.5	17.2
Music	4.7	3.8	3.0	3.7	4.8	4.2	4.3
Science	10.8	10.6	13.1	12.1	11.0	13.3	12.6
Social studies	15.3	14.0	12.4	11.2	13.6	11.0	13.4
Special education	0.4	1.1	3.0	2.1	3.5	5.2	1.7
Other	1.9	3.1	4.0	3.3	3.4	3.9	5.2

NOTE: Data are based upon sample surveys of public school teachers. Detail may not sum to totals due to rounding.

SOURCE: National Education Association, *Status of the American Public School Teacher, 1995–96*. (Copyright © 1997 by the National Education Association. All rights reserved.) (This table was prepared October 1997.)

Table 72.—Percent of vocational and nonvocational public school teachers of grades 9 to 12, by selected demographic and educational characteristics: 1993–94

Characteristics of teachers	Total	Teacher type		Characteristics of teachers	Total	Teacher type	
		Nonvocational	Vocational			Nonvocational	Vocational
1	2	3	4	1	2	3	4
Total	**100.0**	**100.0**	**100.0**				
Sex				Major field of study			
Male	48.3	46.2	63.2	Business and management	1.1	0.7	6.5
Female	51.7	53.8	36.8	Education	52.4	50.3	75.2
				Academic area	26.7	28.6	5.3
				English education	5.2	5.7	0.3
Race/ethnicity				Music education	3.4	3.7	0.2
White	88.8	88.9	88.5	Physical education	9.1	9.5	3.8
Black	6.0	5.9	7.1	Other academic area	9.0	9.7	1.0
Hispanic	3.4	3.5	2.8	Administration	5.3	5.1	7.0
Asian	0.9	0.9	0.8	General	4.5	4.6	3.3
American Indian or Alaskan Native	0.8	0.8	0.8	Special education	6.8	7.3	1.3
				Vocational education	6.5	3.7	37.2
				Other education	7.9	6.7	21.5
Age				English	4.1	4.4	0.3
Under 30 years	9.8	10.3	6.4	Foreign language	4.7	5.1	0.1
30 to 39 years	22.1	22.3	20.8	Mathematics	3.2	3.5	0.6
40 to 49 years	40.7	40.7	40.6	Sciences	7.8	8.1	4.3
50 years and over	27.5	26.8	32.2	Social sciences and history	10.0	10.7	1.8
				Visual and performing arts	2.6	2.7	1.0
				Other	6.1	6.2	5.5
Highest college degree				Age at which first began to teach full-time or part-time			
Less than a bachelor's degree	1.7	0.5	10.3				
Bachelor's degree	46.6	47.0	43.5	25 or under	75.7	75.6	76.5
Master's degree	45.4	46.2	39.8	26 to 35	22.1	22.1	21.7
Education specialist	5.3	5.2	5.6	36 to 45	2.2	2.2	1.9
Doctorate or first professional	1.1	1.1	0.7	46 to 55	0.1	0.1	0.0

NOTE: Education specialist degrees or certificates are generally awarded for one year's work beyond the master's level. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared September 1996, new data forthcoming in 2002.)

Table 73.—Teachers' perceptions about serious problems in their schools, by type and control of school: 1990–91 and 1993–94

Problem area	Percent of teachers indicating item is a serious problem									
	Public school teachers					Private school teachers				
	1990–91	1993–94				1990–91	1993–94			
	Total	Total	Elementary schools	Secondary schools	Combined schools	Total	Total	Elementary schools	Secondary schools	Combined schools
1	2	3	4	5	6	7	8	9	10	11
Student tardiness	11.2	10.5	6.3	18.3	7.8	3.4	2.6	1.8	4.3	2.6
Student absenteeism	14.1	14.4	7.2	27.1	15.0	2.6	2.2	0.8	5.2	2.7
Teacher absenteeism	1.6	1.5	1.3	1.9	2.0	0.7	0.8	0.7	1.2	0.9
Students cutting class	4.6	5.1	1.3	11.9	4.6	0.7	0.7	0.2	2.4	0.7
Physical conflicts among students	6.5	8.2	7.8	8.6	8.1	1.1	1.5	0.9	2.1	2.1
Robbery or theft	3.4	4.1	3.0	5.8	3.6	0.8	0.8	0.4	1.4	1.1
Vandalism of school property	5.4	6.7	5.2	9.0	5.9	0.9	1.2	0.9	2.0	1.2
Student pregnancy	6.4	7.3	1.1	18.4	10.1	0.3	0.4	0.2	1.1	0.4
Student use of alcohol	8.2	9.3	1.6	23.1	14.2	2.4	3.1	0.3	11.0	2.7
Student drug abuse	4.2	5.7	1.0	14.2	7.1	0.5	1.3	0.2	4.0	1.4
Student possession of weapons	1.2	2.8	1.2	5.6	2.7	0.1	0.3	0.2	0.6	0.3
Verbal abuse of teachers	7.5	11.1	8.6	14.8	14.3	1.7	2.3	0.7	2.8	4.4
Student disrespect for teachers	13.0	18.5	15.3	23.6	20.3	2.9	3.4	2.2	4.2	4.7
Students dropping out	6.3	5.8	1.2	14.1	7.7	0.2	0.6	0.3	1.3	0.7
Student apathy	20.6	23.6	15.6	38.0	28.9	4.1	4.5	2.2	9.7	5.1
Lack of academic challenge	5.7	6.5	4.2	10.4	9.9	1.3	1.5	1.0	2.5	1.6
Lack of parental involvement	25.4	27.6	23.0	34.5	35.5	4.3	4.0	2.8	7.1	4.7
Parental alcoholism/drug abuse	12.0	13.1	12.9	12.3	18.7	2.2	2.6	1.6	4.2	3.4
Poverty	17.1	19.5	20.8	15.9	25.8	2.0	2.7	2.2	3.2	3.0
Racial tension	3.8	5.1	4.0	6.7	5.5	0.7	0.9	0.6	1.7	0.8
Students come unprepared to learn	—	28.8	24.3	36.0	30.9	—	4.1	2.6	7.6	4.6

—Not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey," 1990–91 and 1993–94. (This table was prepared September 1996, new data forthcoming in 2002.)

Table 74.—Teachers' perceptions about teaching and school conditions, by type and control of school: 1993–94

Statement	Percent of teachers somewhat agreeing or strongly agreeing with statement							
	Public school teachers				Private school teachers			
	Total	Elementary schools	Secondary schools	Combined schools	Total	Elementary schools	Secondary schools	Combined schools
1	2	3	4	5	6	7	8	9
The school administration's behavior toward the staff is supportive	79.2	80.7	76.8	77.0	88.2	89.4	83.3	88.7
My principal enforces school rules for student conduct and backs me up when I need it	80.8	82.0	78.6	81.4	88.4	89.3	84.4	88.5
The principal lets staff members know what is expected of them	85.6	86.9	83.5	82.1	88.2	89.1	86.6	88.2
Principal talks to me frequently about my instructional practices	44.3	49.0	35.6	45.7	54.0	58.3	41.2	53.7
Goals and priorities for the school are clear	82.8	85.4	78.1	79.3	90.2	90.9	88.3	90.2
Teachers in this school are evaluated fairly	87.9	88.6	86.6	85.3	89.8	90.4	87.3	90.3
In this school, staff members are recognized for a job well done	67.9	71.7	61.7	62.6	81.1	82.4	74.7	82.1
Principal knows what kind of school he/she wants and has communicated it to the staff	80.5	82.8	76.7	77.1	88.6	89.1	85.5	89.9
Principal does a poor job in getting resources for this school	16.1	15.1	18.1	19.6	10.5	10.6	12.9	8.7
Most of my colleagues share my beliefs and values about what the central mission of the school should be	84.2	87.3	79.1	81.4	93.2	95.0	88.4	93.7
Teachers participate in making most of the important education decisions in this school	58.3	62.8	50.3	58.4	74.0	75.1	66.1	75.3
There is a great deal of cooperative effort among staff	77.5	80.9	71.8	76.3	90.5	90.3	86.2	93.0
I receive a great deal of support from parents for the work I do	52.5	58.4	43.2	47.4	84.6	87.3	77.7	83.1
I make a conscious effort to coordinate the content of my courses with that of other teachers	85.0	88.0	79.8	82.9	85.2	86.6	78.5	86.1
Routine duties and paperwork interfere with my job of teaching	70.8	70.9	71.4	65.7	40.1	40.5	45.2	36.2
I have to follow rules in this school that conflict with my best professional judgement	24.2	22.0	27.4	26.4	15.0	15.1	19.1	13.0
Level of student misbehavior in this school interferes with my teaching	44.1	42.9	45.5	43.9	22.4	22.7	20.2	25.1
Amount of student tardiness and class cutting in this school interferes with my teaching	27.9	18.4	45.3	24.6	8.6	6.4	13.4	9.2
Rules for student behavior are consistently enforced by teachers in this school, even for students who are not in their classes	61.8	70.9	45.8	59.5	77.6	83.1	63.6	77.0
I am satisfied with my class sizes	64.9	62.9	68.2	78.1	84.4	82.2	84.0	89.3
I am satisfied with my teaching salary	44.9	44.1	47.2	43.1	41.6	35.5	43.6	49.5
I sometimes feel it is a waste of time to try to do my best as a teacher	26.8	23.4	32.6	30.8	13.4	12.1	16.5	13.7
I plan with the librarian/media specialist for the integration of services into my teaching	66.9	67.8	65.8	64.5	60.6	58.6	65.4	61.2
Library/media materials are adequate to support my instructional objectives	65.6	64.9	67.7	59.9	61.0	56.4	67.2	63.4
Necessary materials are available as needed by staff	73.1	73.7	73.0	72.3	85.7	84.5	85.3	87.3

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared September 1996, new data forthcoming in 2002.)

Table 75.—Mobility of public and private elementary and secondary teachers, by selected school and teacher characteristics: 1987–88 to 1994–95

Characteristic	Percentage distribution of public school teachers									Percentage distribution of private school teachers				
	1987–88 to 1988–89			1990–91 to 1991–92			1993–94 to 1994–95			1987–88 to 1988–89	1990–91 to 1991–92	1993–94 to 1994–95		
	Remained teaching in the same school	Remained in teaching but changed schools	Left teaching	Remained teaching in the same school	Remained in teaching but changed schools	Left teaching	Remained teaching in the same school	Remained in teaching but changed schools	Left teaching	Left teaching	Left teaching	Remained teaching in the same school	Remained in teaching but changed schools	Left teaching
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total	**86.5**	**7.9**	**5.6**	**87.6**	**7.3**	**5.1**	**86.3**	**7.2**	**6.6**	**12.7**	**12.3**	**82.3**	**5.8**	**11.9**
Sex														
Male	87.7	7.3	5.1	89.1	6.4	4.5	88.2	6.6	5.2	10.2	12.1	82.1	4.8	13.1
Female	86.1	8.1	5.8	87.1	7.6	5.3	85.6	7.4	7.1	13.4	12.3	82.4	6.1	11.6
Race/ethnicity														
White, non-Hispanic	86.5	7.8	5.7	87.6	7.3	5.1	86.7	6.8	6.5	12.1	12.0	82.5	5.7	11.7
Total minority	87.0	8.6	4.4	87.5	7.1	5.3	83.7	9.5	6.8	21.4	15.4	79.2	—	14.8
Black, non-Hispanic	86.2	8.8	5.1	85.5	8.3	6.1	84.9	8.5	6.6	34.7	19.3	82.3	—	12.6
Hispanic	88.9	8.2	2.9	89.6	6.0	4.4	79.4	11.5	9.1	21.3	13.6	77.2	—	14.6
Age														
Less than 25	78.7	17.0	4.3	73.8	17.2	9.1	81.1	15.2	3.8	19.0	23.8	67.4	12.6	20.0
25 to 29	75.0	16.1	9.0	76.6	14.3	9.0	76.3	13.7	10.0	17.6	17.8	76.1	10.8	13.1
30 to 39	85.2	9.0	5.8	85.9	9.9	4.2	84.8	8.6	6.7	12.4	13.7	77.6	7.5	14.9
40 to 49	91.2	6.4	2.4	92.5	5.5	2.0	89.9	6.1	3.9	10.5	7.7	87.2	4.1	8.7
50 to 59	90.4	3.9	5.7	89.3	4.0	6.7	88.9	4.8	6.3	11.3	9.6	89.3	2.4	8.2
60 to 64	72.0	4.5	23.4	71.0	2.2	26.8	68.0	1.5	30.5	16.9	17.8	84.9	2.0	13.1
65 and over	83.3	—	16.7	48.9	10.3	40.9	63.2	—	34.1	7.9	20.7	56.6	—	41.9
Full-time teaching experience														
Less than 1 year	76.9	11.5	11.6	51.5	31.3	17.2	79.7	11.1	9.3	27.4	28.4	70.3	7.6	22.1
1 to 3 years	77.4	14.3	8.3	79.7	13.1	7.2	79.6	12.7	7.8	15.9	16.7	72.3	10.3	17.3
1 year	77.3	14.2	8.5	79.0	12.6	8.4	81.2	12.4	6.4	18.8	18.8	66.7	11.6	21.7
2 years	78.8	13.6	7.6	78.7	14.1	7.1	76.4	14.6	9.1	14.6	15.8	71.9	11.2	17.0
3 years	76.0	15.2	8.8	81.6	12.4	5.9	81.4	10.8	7.8	14.3	14.7	79.8	7.8	12.4
4 to 9 years	82.9	11.1	6.0	84.8	9.9	5.3	83.0	9.9	7.1	12.8	12.7	81.2	7.0	11.9
10 to 19 years	89.3	6.7	4.0	91.0	6.5	2.4	89.1	6.6	4.4	11.4	6.2	89.7	2.4	7.9
20 to 24 years	93.6	4.1	2.2	93.3	3.3	3.4	92.5	2.8	4.6	7.4	4.7	92.3	2.5	5.2
25 years or more	84.9	4.1	11.0	85.9	3.1	11.0	84.9	4.1	11.1	7.4	14.6	85.5	2.9	11.6
Level taught														
Elementary	85.0	9.5	5.5	87.1	8.1	4.8	86.0	7.6	6.4	12.5	11.3	82.4	6.1	11.5
Secondary	88.1	6.2	5.6	88.2	6.4	5.5	86.6	6.7	6.7	12.9	13.3	82.2	5.2	12.6
School size														
Less than 150	85.6	9.8	4.5	86.6	8.1	5.3	78.6	10.3	11.1	19.4	17.0	76.0	7.9	16.2
150 to 299	84.6	9.9	5.4	88.0	7.7	4.3	85.8	7.0	7.1	12.1	13.8	79.6	8.0	12.4
300 to 499	86.9	7.5	5.6	85.8	8.5	5.7	86.2	7.3	6.5	10.2	7.7	84.3	3.2	12.5
500 to 749	86.8	7.5	5.7	87.7	7.6	4.7	85.3	7.1	7.6	9.2	9.8	89.6	3.3	7.1
750 or more	87.7	7.4	4.9	88.6	6.1	5.4	87.7	6.6	5.7	12.8	6.7	89.6	4.2	6.2
Percent minority enrollment														
Less than 5%	88.0	6.9	5.1	89.6	5.7	4.6	87.1	4.9	8.0	13.2	11.5	83.9	5.1	11.0
5 to 19%	86.6	7.6	5.8	88.1	6.4	5.5	87.3	6.7	6.0	10.3	12.2	84.8	4.2	11.1
20 to 49%	87.3	7.6	5.2	85.6	8.6	5.9	86.6	7.2	6.2	18.9	12.2	77.0	7.4	15.6
50% or more	85.0	9.7	5.3	86.2	8.9	4.9	83.6	9.6	6.8	13.6	13.1	75.8	10.9	13.2
Community type														
Central city	—	—	—	86.3	8.6	5.2	86.1	7.6	6.3	—	12.7	83.4	5.7	10.9
Urban fringe/small town	—	—	—	87.2	7.3	5.5	86.3	7.2	6.5	—	10.6	81.9	5.5	12.6
Rural/small town	—	—	—	88.8	6.4	4.8	86.4	6.8	6.8	—	13.9	80.0	6.4	13.6

—Not available

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Characteristics of Stayers, Movers, and Leavers: Results from the Teacher Followup Survey: 1994–95*. (This table was prepared April 1997.)

Table 76.—Average salaries for full-time teachers in public and private elementary and secondary schools, by selected characteristics: 1993–94

Selected characteristics	Total earned income	Base salary	Number of full-time teachers	School year supplemental contract		Supplemental contract during summer		Number of teachers with nonschool employment		
				Number of teachers	Supplemental salary	Number of teachers	Supplemental salary	Teaching or tutor	Education related	Not education related
1	2	3	4	5	6	7	8	9	10	11
	Public schools									
Total[1]	**$36,498**	**$34,153**	**2,340,443**	**815,827**	**$2,075**	**401,516**	**$2,070**	**118,603**	**80,014**	**237,177**
Men	41,031	36,182	642,807	348,855	2,923	147,299	2,530	37,297	39,150	124,487
Women	34,781	33,384	1,697,636	466,972	1,442	254,218	1,803	81,305	40,863	112,689
Race/ethnicity										
White, non-Hispanic	36,576	34,221	2,012,142	722,694	2,067	328,492	2,015	100,017	68,991	208,306
Black, non-Hispanic	36,200	33,889	181,896	48,968	2,325	40,819	2,221	10,734	5,490	16,336
Hispanic	35,197	32,996	102,965	31,653	1,930	24,122	2,477	5,817	3,644	7,337
Asian or Pacific Islander	38,292	36,134	25,383	6,391	1,873	5,381	2,285	1,298	910	2,327
American Indian or Alaskan Native	35,635	32,994	18,057	6,121	2,068	2,703	2,305	737	979	2,871
Age										
Less than 30	27,151	24,737	258,692	113,918	1,777	51,862	1,819	11,924	8,078	28,228
30 to 39	31,596	29,270	517,638	204,607	2,163	102,314	1,942	24,860	19,623	49,690
40 to 49	38,106	35,751	974,299	328,974	2,107	161,320	2,053	50,193	34,480	100,528
50 or more	42,243	39,931	589,815	168,328	2,109	86,021	2,404	31,625	17,833	58,730
Years of teaching experience										
First year	26,641	23,544	99,833	35,238	1,573	16,007	2,516	4,554	2,463	13,210
2 to 4 years	27,217	25,089	272,905	109,127	1,660	54,192	1,806	10,991	9,575	30,150
5 to 9 years	30,709	28,451	388,370	145,326	1,998	79,198	2,046	23,195	11,272	36,451
10 to 14 years	33,805	31,792	355,460	114,950	2,110	58,360	2,003	16,150	12,281	30,036
15 to 19 years	37,984	35,809	380,168	131,094	2,177	65,105	1,842	19,878	14,175	35,835
20 or more years	43,796	41,215	843,707	280,091	2,279	128,653	2,285	43,835	30,248	91,495
Level										
Elementary	34,944	33,517	1,193,257	254,890	1,503	170,059	1,801	47,820	27,084	90,749
Secondary	38,114	34,815	1,147,186	560,937	2,335	231,457	2,267	70,783	52,930	146,427
	Private schools									
Total[1]	**$24,053**	**$21,968**	**302,431**	**64,063**	**$1,894**	**62,847**	**$2,122**	**20,237**	**11,424**	**34,099**
Men	30,215	26,120	72,264	27,418	2,408	21,317	2,584	3,993	4,969	14,283
Women	22,118	20,669	230,167	36,645	1,509	41,530	1,885	16,244	6,456	19,816
Race/ethnicity										
White, non-Hispanic	24,084	22,000	278,749	59,475	1,903	55,950	2,109	18,461	10,677	31,724
Black, non-Hispanic	23,043	20,796	8,946	1,350	2,451	3,024	2,173	(2)	(2)	(2)
Hispanic	22,256	20,672	9,862	2,013	1,209	2,269	2,298	(2)	(2)	(2)
Asian or Pacific Islander	28,505	25,861	3,786	997	2,054	1,185	2,643	(2)	(2)	(2)
American Indian or Alaskan Native	25,082	21,625	1,088	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Age										
Less than 30	19,438	17,010	56,709	14,802	1,572	15,865	1,781	4,600	2,373	8,982
30 to 39	23,334	20,925	73,855	16,590	1,947	17,227	2,161	4,636	3,247	10,087
40 to 49	25,230	23,224	102,226	21,284	1,915	20,355	2,196	6,965	3,794	9,580
50 or more	26,845	25,273	69,641	11,388	2,193	9,400	2,467	4,035	2,010	5,449
Years of teaching experience										
First year	19,408	16,318	22,922	4,832	1,539	4,545	1,973	1,798	(2)	3,395
2 to 4 years	19,858	17,719	54,831	12,001	1,580	15,974	1,899	3,970	1,924	8,207
5 to 9 years	21,764	19,748	66,567	13,905	1,816	14,111	2,112	4,625	3,184	8,044
10 to 14 years	24,266	22,424	49,880	10,007	1,741	9,171	2,032	2,369	1,404	5,133
15 to 19 years	27,238	25,351	42,209	8,985	2,129	8,460	2,257	3,601	1,812	3,452
20 or more years	29,258	27,178	66,022	14,334	2,310	10,585	2,508	3,874	2,320	5,867
Level										
Elementary	21,485	19,977	179,936	23,015	1,514	33,338	1,846	11,805	5,645	18,137
Secondary	27,824	24,896	122,496	41,048	2,106	29,509	2,435	8,432	5,780	15,962

[1] Detail may not sum to totals due to rounding or missing values in cells with too few cases, or survey item nonresponse.

[2] Too few sample cases (fewer than 30) for a reliable estimate.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94," unpublished data. (This table was prepared November 1997, new data forthcoming in 2002.)

Table 77.—Estimated average annual salary of teachers in public elementary and secondary schools: 1959–60 to 2000–01

School year	Current dollars			Constant 2000–01 dollars		
	All teachers	Elementary teachers	Secondary teachers	All teachers	Elementary teachers	Secondary teachers
1	2	3	4	5	6	7
1959–60	$4,995	$4,815	$5,276	$29,765	$28,692	$31,439
1961–62	5,515	5,340	5,775	32,126	31,106	33,640
1963–64	5,995	5,805	6,266	34,034	32,955	35,572
1965–66	6,485	6,279	6,761	35,586	34,455	37,100
1967–68	7,423	7,208	7,692	38,218	37,111	39,603
1969–70	8,626	8,412	8,891	39,983	38,991	41,211
1970–71	9,268	9,021	9,568	40,850	39,761	42,172
1971–72	9,705	9,424	10,031	41,294	40,099	42,682
1972–73	10,174	9,893	10,507	41,613	40,464	42,975
1973–74	10,770	10,507	11,077	40,445	39,457	41,598
1974–75	11,641	11,334	12,000	39,354	38,317	40,568
1975–76	12,600	12,280	12,937	39,781	38,770	40,845
1976–77	13,354	12,989	13,776	39,838	38,749	41,097
1977–78	14,198	13,845	14,602	39,691	38,704	40,820
1978–79	15,032	14,681	15,450	38,423	37,526	39,492
1979–80	15,970	15,569	16,459	36,018	35,114	37,121
1980–81	17,644	17,230	18,142	35,663	34,826	36,670
1981–82	19,274	18,853	19,805	35,860	35,077	36,848
1982–83	20,695	20,227	21,291	36,918	36,083	37,981
1983–84	21,935	21,487	22,554	37,734	36,963	38,798
1984–85	23,600	23,200	24,187	39,069	38,406	40,040
1985–86	25,199	24,718	25,846	40,546	39,772	41,588
1986–87	26,569	26,057	27,244	41,822	41,016	42,885
1987–88	28,034	27,519	28,798	42,373	41,594	43,527
1988–89	29,564	29,022	30,218	42,713	41,930	43,657
1989–90	31,367	30,832	32,049	43,253	42,516	44,194
1990–91	33,084	32,490	33,896	43,256	42,480	44,318
1991–92	34,063	33,479	34,827	43,153	42,414	44,121
1992–93	35,029	34,350	35,880	43,033	42,199	44,079
1993–94	35,737	35,233	36,566	42,794	42,191	43,787
1994–95	36,675	36,088	37,523	42,694	42,011	43,681
1995–96	37,642	37,138	38,397	42,659	42,088	43,515
1996–97	38,477	38,039	39,184	42,396	41,913	43,175
1997–98	39,417	39,056	40,040	42,670	42,280	43,345
1998–99	40,580	40,275	41,159	43,182	42,857	43,798
1999–2000	41,724	41,466	42,430	43,153	42,887	43,884
2000–01	42,898	42,613	43,663	42,898	42,613	43,663

NOTE: Constant 2000–01 dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor. Some data have been revised from previously published figures.

SOURCE: National Education Association, *Estimates of School Statistics*, various years; and unpublished data. (Copyright © 2001 by the National Education Association. All rights reserved.) (This table was prepared July 2001.)

Table 78.—Estimated average annual salary of teachers in public elementary and secondary schools, by state: 1969–70 to 2000–01

State	Current dollars							Constant 2000–01 dollars						Percent change, 1989–90 to 2000–01 in constant dollars
	1969–70	1979–80	1989–90	1995–96	1998–99	1999–2000	2000–01	1969–70	1979–80	1989–90	1995–96	1998–99	1999–2000	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	**$8,626**	**$15,970**	**$31,367**	**$37,642**	**$40,580**	**$41,724**	**$42,898**	**$39,983**	**$36,018**	**$43,253**	**$42,659**	**$43,182**	**$43,153**	**–0.8**
Alabama	6,818	13,060	24,828	31,313	35,820	36,689	37,956	31,602	29,455	34,237	35,486	38,117	37,946	10.9
Alaska	10,560	27,210	43,153	49,620	46,845	47,262	46,986	48,947	61,369	59,506	56,233	49,849	48,881	–21.0
Arizona	8,711	15,054	29,402	32,483	35,025	35,650	36,302	40,377	33,953	40,544	36,812	37,271	36,871	–10.5
Arkansas	6,307	12,299	22,352	29,533	32,330	33,386	34,476	29,234	27,739	30,822	33,469	34,403	34,530	11.9
California	10,315	18,020	37,998	42,259	46,129	47,680	48,923	47,811	40,642	52,397	47,891	49,087	49,314	–6.6
Colorado	7,761	16,205	30,758	35,364	38,157	38,163	39,284	35,973	36,548	42,414	40,077	40,604	39,470	–7.4
Connecticut	9,262	16,229	40,461	50,254	51,424	51,780	52,100	42,931	36,603	55,794	56,952	54,721	53,554	–6.6
Delaware	9,015	16,148	33,377	40,533	43,164	44,435	47,047	41,786	36,420	46,025	45,935	45,932	45,957	2.2
District of Columbia	10,285	22,190	38,402	43,700	47,076	47,076	48,651	47,672	50,047	52,954	49,524	50,094	48,689	–8.1
Florida	8,412	14,149	28,803	33,330	35,916	36,722	37,824	38,991	31,911	39,718	37,772	38,219	37,980	–4.8
Georgia	7,276	13,853	28,006	34,002	39,675	41,023	42,216	33,725	31,244	38,619	38,534	42,219	42,428	9.3
Hawaii	9,453	19,920	32,047	35,807	39,871	40,578	41,980	43,816	44,927	44,191	40,579	42,427	41,968	–5.0
Idaho	6,890	13,611	23,861	30,892	34,063	35,162	36,375	31,936	30,698	32,903	35,009	36,247	36,367	10.6
Illinois	9,569	17,601	32,794	40,919	45,269	46,486	48,053	44,354	39,697	45,221	46,373	48,172	48,079	6.3
Indiana	8,833	15,599	30,902	37,675	41,159	41,850	43,055	40,942	35,182	42,612	42,696	43,798	43,284	1.0
Iowa	8,355	15,203	26,747	32,372	34,998	35,678	36,479	38,727	34,289	36,883	36,687	37,242	36,900	–1.1
Kansas	7,612	13,690	28,744	32,382	37,506	38,453	39,432	35,283	30,876	39,636	36,698	39,911	39,770	–0.5
Kentucky	6,953	14,520	26,292	33,080	35,526	36,380	37,234	32,228	32,748	36,255	37,489	37,804	37,626	2.7
Louisiana	7,028	13,760	24,300	27,530	32,384	33,109	34,253	32,576	31,034	33,508	31,199	34,460	34,243	2.2
Maine	7,572	13,071	26,881	32,869	34,906	35,561	36,256	35,097	29,480	37,068	37,250	37,144	36,779	–2.2
Maryland	9,383	17,558	36,319	41,160	43,112	44,048	44,997	43,491	39,600	50,082	46,646	45,876	45,557	–10.2
Massachusetts	8,764	17,253	34,712	41,408	45,075	46,250	47,523	40,622	38,912	47,866	46,927	47,965	47,835	–0.7
Michigan	9,826	19,663	37,072	46,832	47,448	48,695	49,975	45,545	44,348	51,120	53,074	50,490	50,363	–2.2
Minnesota	8,658	15,912	32,190	36,922	39,458	39,802	40,577	40,131	35,888	44,388	41,843	41,988	41,166	–8.6
Mississippi	5,798	11,850	24,292	27,692	29,530	31,857	32,957	26,874	26,726	33,497	31,383	31,423	32,948	–1.6
Missouri	7,799	13,682	27,094	32,322	34,807	35,656	36,764	36,149	30,858	37,361	36,630	37,039	36,878	–1.6
Montana	7,606	14,537	25,081	29,364	31,354	32,121	32,930	35,255	32,786	34,585	33,278	33,364	33,221	–4.8
Nebraska	7,375	13,516	25,522	31,496	32,880	33,284	34,175	34,184	30,484	35,194	35,694	34,988	34,424	–2.9
Nevada	9,215	16,295	30,590	36,167	38,883	39,390	40,172	42,713	36,751	42,182	40,987	41,376	40,740	–4.8
New Hampshire	7,771	13,017	28,986	35,792	37,405	37,734	38,303	36,020	29,358	39,970	40,562	39,803	39,027	–4.2
New Jersey	9,130	17,161	35,676	48,751	51,193	52,174	53,281	42,319	38,705	49,195	55,249	54,475	53,961	8.3
New Mexico	7,796	14,887	24,756	29,074	32,398	32,554	33,785	36,135	33,576	34,137	32,949	34,475	33,669	–1.0
New York	10,336	19,812	38,925	48,115	49,437	50,173	50,920	47,909	44,684	53,676	54,528	52,607	51,892	–5.1
North Carolina	7,494	14,117	27,883	30,411	36,883	39,419	41,167	34,736	31,839	38,449	34,464	39,248	40,770	7.1
North Dakota	6,696	13,263	23,016	26,969	28,976	29,863	30,891	31,037	29,913	31,738	30,563	30,834	30,886	–2.7
Ohio	8,300	15,269	31,218	37,835	40,561	41,436	42,716	38,472	34,437	43,048	42,878	43,162	42,856	–0.8
Oklahoma	6,882	13,107	23,070	28,404	31,115	31,298	34,434	31,899	29,561	31,812	32,190	33,110	32,370	8.2
Oregon	8,818	16,266	30,840	39,706	42,833	40,919	42,333	40,873	36,686	42,527	44,998	45,579	42,321	–0.5
Pennsylvania	8,858	16,515	33,338	46,087	48,457	48,321	49,500	41,058	37,248	45,971	52,230	51,584	49,976	7.7
Rhode Island	8,776	18,002	36,057	41,765	45,650	47,041	48,474	40,678	40,601	49,721	47,332	48,577	48,653	–2.5
South Carolina	6,927	13,063	27,217	31,622	34,506	36,081	37,327	32,108	29,462	37,531	35,837	36,718	37,317	–0.5
South Dakota	6,403	12,348	21,300	26,346	28,552	29,072	30,265	29,679	27,849	29,372	29,857	30,383	30,068	3.0
Tennessee	7,050	13,972	27,052	33,126	35,490	36,328	37,074	32,678	31,512	37,303	37,541	37,766	37,573	–0.6
Texas	7,255	14,132	27,496	31,400	34,337	37,567	38,614	33,628	31,873	37,916	35,585	36,539	38,854	1.8
Utah	7,644	14,909	23,686	30,588	34,070	34,946	36,049	35,431	33,625	32,662	34,665	36,254	36,143	10.4
Vermont	7,968	12,484	29,012	36,295	36,800	37,714	38,651	36,933	28,156	40,006	41,132	39,160	39,006	–3.4
Virginia	8,070	14,060	30,938	34,792	37,266	38,123	40,197	37,405	31,711	42,662	39,429	39,655	39,429	–5.8
Washington	9,225	18,820	30,457	37,853	38,687	41,013	42,101	42,759	42,446	41,999	42,898	41,168	42,418	0.2
West Virginia	7,650	13,710	22,842	32,155	34,244	35,008	35,764	35,459	30,921	31,498	36,441	36,440	36,207	13.5
Wisconsin	8,963	16,006	31,921	38,182	40,657	41,153	41,646	41,545	36,100	44,017	43,271	43,264	42,563	–5.4
Wyoming	8,232	16,012	28,141	31,571	33,500	34,140	34,189	38,156	36,113	38,805	35,779	35,648	35,310	–11.9

NOTE: Constant 2000–01 dollars based on the Consumer Price Index prepared by the Bureau of Labor Statistics, U.S. Department of Labor. Price index does not account for different rates of change in the cost of living among states. Some data have been revised from previously published figures.

SOURCE: National Education Association, *Estimates of School Statistics;* and unpublished data. (Copyright © 2001 by the National Education Association. All rights reserved.) (This table was prepared July 2001.)

Table 79.—Minimum and average teacher salaries, by state: 1990–91, 1998–99, and 1999–2000

State	1990–91				1998–99				1999–2000			Percent change, 1990–91 to 1999–2000 (constant dollars) [1]	
	Minimum (beginning) salary	Average salary	Minimum (beginning) salary (in 1999–2000 dollars) [1]	Average salary (in 1999–2000 dollars) [1]	Minimum (beginning) salary	Average salary	Minimum (beginning) salary (in 1999–2000 dollars) [1]	Average salary (in 1999–2000 dollars) [1]	Minimum (beginning) salary	Average salary	Minimum (beginning) salary as a percent of average salary	Minimum (beginning) salary	Average salary
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States	**$21,542**	**$32,880**	**$27,232**	**$41,565**	**$26,855**	**$40,540**	**$27,630**	**$41,710**	**$27,989**	**$41,820**	**66.9**	**2.8**	**0.6**
Alabama	22,114	26,846	27,956	33,938	29,092	35,820	29,932	36,854	[2] 29,790	36,689	81.2	6.6	8.1
Alaska	[2] 29,950	43,406	[2] 37,861	54,872	33,057	46,312	34,011	47,649	33,676	46,481	72.5	–11.1	–15.3
Arizona	[2] 21,375	30,773	[2] 27,021	38,902	24,755	33,197	25,470	34,155	[2] 25,613	34,824	73.5	–5.2	–10.5
Arkansas	[3] 17,458	[4] 23,735	[3] 22,070	[4] 30,005	21,975	32,819	22,609	33,766	22,599	[5] 33,691	67.1	2.4	12.3
California	[2] 24,570	[2] 39,118	[2] 31,060	[2] 49,451	31,129	46,129	32,028	47,461	32,190	[2,5] 47,680	67.5	3.6	–3.6
Colorado	19,786	31,819	25,013	40,224	24,293	38,157	24,994	39,259	[2] 24,875	[2] 39,073	63.7	–0.6	–2.9
Connecticut	25,312	43,398	31,998	54,862	29,992	52,070	30,858	53,573	30,466	52,410	58.1	–4.8	–4.5
Delaware	21,112	35,246	26,689	44,556	29,981	43,164	30,846	44,410	[2] 30,945	[2] 44,435	69.6	15.9	–0.3
District of Columbia	23,327	[2] 39,362	29,489	[2] 49,760	[3] 30,000	46,536	30,866	47,879	30,850	48,304	63.9	4.6	–2.9
Florida	21,368	30,555	27,012	38,626	24,402	35,916	25,106	36,953	25,132	36,722	68.4	–7.0	–4.9
Georgia	20,471	[4] 28,950	25,879	[4] 36,597	29,491	39,776	30,342	40,924	[5] 30,402	[5] 41,122	73.9	17.5	12.4
Hawaii	23,792	33,548	30,077	42,410	28,315	40,416	29,132	41,583	29,204	41,292	70.7	–2.9	–2.6
Idaho	15,685	25,510	19,828	32,249	20,306	34,062	20,892	35,045	20,915	35,155	59.5	5.5	9.0
Illinois	[4] 21,954	[4] 34,642	[4] 27,753	[4] 43,793	[6] 28,954	[6] 45,286	29,790	46,593	[2,7] 30,151	[2,7] 46,480	64.9	8.6	6.1
Indiana	[4] 20,247	[4] 32,931	[4] 25,595	[4] 41,630	26,268	41,165	27,026	42,353	26,553	41,855	63.4	3.7	0.5
Iowa	19,404	27,949	24,530	35,332	24,132	35,007	24,829	36,018	25,275	[5] 35,678	70.8	3.0	1.0
Kansas	[8] 18,954	[8] 28,188	[8] 23,961	[8] 35,634	24,648	[5] 35,383	25,360	36,404	25,252	[5,8] 36,282	69.6	5.4	1.8
Kentucky	19,311	29,115	24,412	36,806	[9] 24,387	[9] 35,383	25,091	36,404	24,753	[5] 36,255	68.3	1.4	–1.5
Louisiana	17,486	26,170	22,105	33,083	24,102	32,384	24,798	33,319	25,738	[5] 33,109	77.7	16.4	0.1
Maine	18,878	28,531	23,865	36,068	22,513	[9] 34,906	23,163	35,914	22,942	35,561	64.5	–3.9	–1.4
Maryland	23,548	[3] 38,312	29,768	[4] 48,432	[9] 27,605	[9] 42,557	28,402	43,786	28,612	43,720	65.4	–3.9	–9.7
Massachusetts	[2] 21,800	36,090	[2] 27,559	45,623	29,312	45,149	30,158	46,452	[2] 30,330	[2] 46,955	64.6	10.1	2.9
Michigan	[2] 22,400	[2] 37,800	[2] 28,317	[2] 47,785	[4] 27,822	47,448	28,625	48,818	[2] 28,545	48,729	58.6	0.8	2.0
Minnesota	[4] 21,029	33,128	[4] 26,584	41,879	24,468	39,493	25,174	40,633	25,666	[2] 40,678	63.1	–3.5	–2.9
Mississippi	[2] 18,950	[2] 24,609	[2] 23,956	[2] 31,110	21,145	[2] 29,550	21,755	30,403	[10] 23,040	31,897	72.2	–3.8	2.5
Missouri	[2] 20,293	[2] 27,636	[2] 25,654	[2] 34,936	25,306	34,806	26,037	35,811	25,977	[5] 35,660	72.8	1.3	2.1
Montana	[2] 18,400	26,696	[2] 23,260	33,748	20,732	31,356	21,330	32,261	20,969	[5] 32,121	65.3	–9.9	–4.8
Nebraska	18,344	26,592	23,190	33,616	22,611	32,880	23,264	33,829	22,923	33,237	69.0	–1.1	–1.1
Nevada	[6] 24,358	[6] 35,269	[6] 30,792	[6] 44,586	28,428	[2] 42,528	29,249	43,756	[7] 28,734	[2] 43,083	66.7	–6.7	–3.4
New Hampshire	[2] 20,635	31,273	[2] 26,086	39,534	[4] 24,406	37,405	25,111	38,485	[2] 24,650	37,734	65.3	–5.5	–4.6
New Jersey	24,500	38,411	30,972	48,558	[4] 29,112	51,475	29,952	52,961	[2] 30,480	[9] 50,878	59.9	–1.6	4.8
New Mexico	19,124	[4] 25,800	24,176	[4] 32,615	24,393	31,838	25,097	32,757	[2] 25,042	32,713	76.6	3.6	0.3
New York	[9] 26,375	[9] 42,080	[9] 33,342	[9] 53,196	[9] 30,808	[9] 49,490	31,697	50,919	31,910	[9] 51,020	62.5	–4.3	–4.1
North Carolina	19,810	29,165	25,043	36,869	25,044	36,883	25,767	37,948	27,968	39,404	71.0	11.7	6.9
North Dakota	16,274	23,574	20,573	29,801	19,136	29,002	19,688	29,839	20,422	29,863	68.4	–0.7	0.2
Ohio	18,452	31,964	23,326	40,407	23,096	40,746	23,763	41,922	23,597	41,713	56.6	1.2	3.2
Oklahoma	[6] 18,575	[8] 24,378	[8] 23,482	[8] 30,818	[8] 23,818	[8] 29,444	24,506	30,294	24,025	29,525	81.4	2.3	–4.2
Oregon	[6] 20,357	[6] 32,295	[6] 25,734	[6] 40,826	[2] 28,589	[2] 43,789	29,414	45,053	[6] 29,733	[6] 45,103	65.9	15.5	10.5
Pennsylvania	[2] 23,250	[4] 36,057	[2] 29,392	[4] 45,582	29,793	46,457	30,653	49,856	30,185	[2] 48,321	62.5	2.7	6.0
Rhode Island	20,887	[2] 38,220	26,404	[2] 48,316	26,237	[4] 46,286	26,994	47,622	[2] 27,286	[2] 48,138	56.7	3.3	–0.4
South Carolina	[4] 19,757	[4] 28,174	[4] 24,976	[4] 35,616	23,827	34,506	24,515	35,502	25,215	36,081	69.9	1.0	1.3
South Dakota	16,676	22,363	21,081	28,270	21,376	28,386	21,993	29,205	[2] 21,889	29,072	75.3	3.8	2.8
Tennessee	20,150	28,248	25,473	35,710	26,314	35,490	27,074	36,515	27,228	36,328	75.0	6.9	1.7
Texas	[2] 20,150	[2] 28,100	[2] 25,473	[2] 35,523	25,586	34,336	26,325	35,327	28,400	37,567	75.6	11.5	5.8
Utah	17,234	[4] 25,415	21,786	[4] 32,129	22,941	34,079	23,603	35,063	23,273	34,946	66.6	6.8	8.8
Vermont	[2] 18,509	[2] 29,714	[2] 23,398	[2] 37,563	[4] 25,435	35,896	26,169	36,932	[2] 25,791	36,402	70.9	10.2	–3.1
Virginia	[4] 22,206	[4] 32,692	[4] 28,072	[4] 41,328	[4] 25,777	37,527	26,521	38,610	[2] 26,783	[7] 38,992	68.7	–4.6	–5.7
Washington	[4] 20,612	[4] 32,975	[4] 26,057	[4] 41,686	23,650	38,693	24,333	39,810	26,514	41,047	64.6	1.8	–1.5
West Virginia	18,728	25,966	23,675	32,825	[9] 23,316	[9] 34,248	23,989	35,237	23,829	[5] 35,011	68.1	0.6	6.7
Wisconsin	20,689	33,077	26,154	41,814	[6] 24,839	[6] 39,374	25,556	40,511	25,344	[5] 39,897	63.5	–3.1	–4.6
Wyoming	19,238	28,996	24,320	36,655	23,507	33,500	24,186	34,467	24,168	34,188	70.7	–0.6	–6.7

[1] Based on the Consumer Price Index prepared by the Bureau of Labor Statistics, U.S. Department of Labor. Price index does not account for different rates of change in the cost of living among states.

[2] Estimated by the American Federation of Teachers. See NOTE.

[3] Preliminary or state estimate.

[4] Excludes state-paid health insurance.

[5] Includes pay for extra duties.

[6] Includes employer pick-up of employee pension contribution.

[7] Includes pension and extra-duty pay where applicable.

[8] Estimated to exclude fringe benefits.

[9] Median salary.

[10] Includes estimated $1,000 in local supplements.

NOTE: Data in this table reflect results of surveys conducted by the American Federation of Teachers. Because of differing survey and estimation methods, these data are not entirely comparable with figures appearing in other tables. Some data have been revised from previously published figures.

SOURCE: American Federation of Teachers, *Survey and Analysis of Teacher Salary Trends*, various years. (This table was prepared June 2001.)

Table 80.—Average annual salary of instructional staff in public elementary and secondary schools, by state: 1939–40 to 2000–01

State or other area	Current dollars									Constant 2000–01 dollars [1]				
	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1998–99	1999–2000	2000–01	1969–70	1979–80	1989–90	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	**$1,441**	**$3,010**	**$5,174**	**$9,047**	**$16,715**	**$32,638**	**[2] $42,488**	**[2] $43,768**	**[2] $44,993**	**$41,934**	**$37,699**	**$45,006**	**$45,212**	**$45,268**
Alabama	744	2,111	4,002	6,954	13,338	26,200	36,740	38,324	[2] 39,150	32,233	30,082	36,128	39,096	39,637
Alaska	—	—	6,859	10,993	27,697	[2] 43,161	48,085	[2] 48,676	48,512	50,954	62,467	59,517	51,168	50,344
Arizona	1,544	3,556	5,590	8,975	16,180	33,592	[2] 45,785	[2] 46,771	[2] 47,779	41,600	36,492	46,322	48,721	48,373
Arkansas	584	1,801	3,295	6,461	12,704	23,296	33,783	35,022	[2] 35,777	29,948	28,652	32,124	35,949	36,222
California	2,351	—	[2] 6,600	10,950	18,626	[2] 39,309	46,593	[2] 47,817	[2] 49,539	50,755	42,009	54,205	49,580	49,455
Colorado	1,393	2,821	4,997	8,105	16,840	31,832	[2] 39,421	[2] 40,270	[2] 41,356	37,568	37,981	43,895	41,949	41,650
Connecticut	1,861	3,558	6,008	9,597	16,989	41,888	53,272	53,753	54,000	44,483	38,317	57,761	56,688	55,595
Delaware	1,684	3,273	[2] 5,800	9,387	16,845	34,620	44,916	46,662	49,080	43,510	37,992	47,739	47,796	48,261
District of Columbia	2,350	3,920	6,280	10,700	23,027	43,637	[2] 49,153	[2] 49,153	[2] 50,746	49,596	51,935	60,173	52,305	50,837
Florida	1,012	2,958	5,080	8,785	14,875	30,275	37,048	37,900	39,037	40,720	33,549	41,746	39,423	39,198
Georgia	770	1,963	[3] 3,904	7,520	14,547	29,541	41,591	43,048	44,328	34,856	32,809	40,736	44,258	44,523
Hawaii	—	—	5,390	9,600	20,436	32,956	41,107	41,830	[2] 43,281	44,497	46,091	45,445	43,743	43,263
Idaho	1,057	2,481	4,216	7,081	14,110	24,758	35,643	36,823	38,093	32,821	31,823	34,140	37,928	38,085
Illinois	1,700	3,458	[4] 5,814	9,789	18,271	33,912	47,049	48,390	50,021	45,373	41,208	46,763	50,066	50,048
Indiana	1,433	3,401	5,542	9,239	16,256	31,905	42,330	43,062	[2] 44,262	42,824	36,663	43,995	45,044	44,537
Iowa	1,017	2,420	[2] 4,030	8,779	15,776	27,619	36,283	36,980	37,811	40,692	35,581	38,085	38,609	38,247
Kansas	1,014	2,628	[2] 4,450	7,811	14,513	30,154	39,690	40,670	41,687	36,205	32,732	41,581	42,235	42,063
Kentucky	826	1,936	3,327	7,325	15,350	27,482	37,251	38,239	39,227	33,952	34,620	37,896	39,639	39,549
Louisiana	1,006	2,983	4,978	7,264	14,020	25,036	33,969	34,759	[2] 35,904	33,670	31,620	34,523	36,147	35,950
Maine	894	2,115	3,694	8,059	13,743	27,831	36,125	38,762	39,000	37,355	30,996	38,378	38,441	40,090
Maryland	1,642	3,594	5,557	9,885	18,308	37,520	44,843	45,809	[2] 46,796	45,818	41,292	51,738	47,718	47,378
Massachusetts	2,037	3,338	[5] 5,545	9,347	18,900	40,175	[2] 58,065	[2] 59,906	[2] 59,763	43,325	42,627	55,399	61,788	61,958
Michigan	1,576	3,420	5,654	10,125	20,682	[2] 37,286	47,448	[2] 48,695	[2] 49,975	46,931	46,646	51,415	50,490	50,363
Minnesota	1,276	3,013	5,275	9,250	16,654	33,340	40,707	41,044	[2] 41,928	42,875	37,561	45,974	43,317	42,450
Mississippi	559	1,416	3,314	5,959	12,274	25,079	30,743	33,147	[2] 34,292	27,621	27,683	34,583	32,714	34,283
Missouri	1,159	2,581	4,536	8,064	14,543	28,166	36,570	37,469	38,700	37,378	32,800	38,839	38,915	38,753
Montana	1,184	2,962	[2] 4,425	7,875	15,080	29,526	33,034	33,827	34,679	36,502	34,011	40,715	35,152	34,986
Nebraska	829	2,292	3,876	7,633	14,236	27,024	36,571	[2] 37,359	[2] 38,219	35,380	32,108	37,265	38,916	38,639
Nevada	1,557	3,209	5,693	9,615	17,290	31,970	41,007	[2] 41,543	[2] 42,469	44,567	38,996	44,085	43,636	42,966
New Hampshire	1,258	2,712	4,455	8,016	13,508	[2] 29,798	[2] 45,187	[2] 46,161	[2] 47,184	37,155	30,466	41,090	48,084	47,742
New Jersey	2,093	3,511	5,871	9,650	18,851	37,485	[2] 54,342	[2] 55,513	[2] 56,709	44,729	42,516	51,690	57,826	57,415
New Mexico	1,144	3,215	5,382	10,021	15,406	25,790	33,714	34,529	34,614	46,449	34,746	35,563	35,876	35,712
New York	2,604	3,706	6,537	11,240	20,400	40,000	[2] 50,300	[2] 51,384	[2] 52,491	52,099	46,010	55,158	53,525	53,144
North Carolina	946	2,688	4,178	7,762	14,445	28,952	[2] 38,263	[2] 40,843	[2] 42,798	35,978	32,579	39,923	40,716	42,242
North Dakota	745	2,324	3,695	6,840	13,684	23,788	29,215	30,114	31,194	31,704	30,863	32,802	31,088	31,146
Ohio	1,587	3,088	5,124	8,594	16,100	32,467	41,980	42,939	[2] 44,250	39,834	36,312	44,770	44,672	44,410
Oklahoma	1,014	2,736	4,659	7,257	13,500	23,944	32,795	33,039	36,220	33,637	30,448	33,018	34,898	34,171
Oregon	1,333	3,323	5,535	9,200	16,996	32,100	43,142	42,776	[2] 44,254	42,643	38,332	44,264	45,908	44,242
Pennsylvania	1,640	3,006	5,308	8,899	17,060	34,110	49,566	49,550	50,700	41,248	38,477	47,036	52,744	51,248
Rhode Island	1,809	3,294	[6] 5,499	9,030	18,425	36,704	[2] 51,689	[2] 52,367	[2] 55,609	41,855	41,555	50,613	55,003	54,161
South Carolina	743	1,891	3,450	7,069	13,670	28,453	36,217	37,864	[2] 39,171	32,766	30,831	39,235	38,539	39,161
South Dakota	807	2,064	3,725	7,200	13,010	22,120	29,387	30,256	31,142	33,373	29,343	30,502	31,271	31,293
Tennessee	862	2,302	3,929	7,187	14,193	27,949	36,897	37,790	38,566	33,313	32,011	38,540	39,263	39,085
Texas	1,079	3,122	4,708	7,598	14,729	28,549	36,358	39,806	40,720	35,218	33,220	39,368	38,669	41,170
Utah	1,394	3,103	5,096	8,049	17,403	24,591	37,240	39,280	[2] 40,682	37,308	39,250	33,910	39,628	40,626
Vermont	981	2,348	4,466	8,225	13,300	29,012	37,081	37,880	[2] 38,696	38,124	29,997	40,006	39,459	39,178
Virginia	899	2,328	4,312	8,364	14,655	31,656	[2] 38,249	[2] 38,909	[2] 41,103	38,768	33,053	43,652	40,701	40,242
Washington	1,706	3,487	[6] 5,643	9,792	19,735	31,828	40,612	43,024	44,223	45,387	44,510	43,889	43,216	44,498
West Virginia	1,170	2,425	3,952	7,954	14,395	23,842	35,451	36,250	37,006	36,868	32,466	32,877	37,724	37,492
Wisconsin	1,379	3,007	[7] 4,870	9,150	16,335	32,445	43,587	44,105	44,634	42,411	36,842	44,740	46,382	45,616
Wyoming	1,169	2,798	4,937	8,496	16,830	29,047	34,683	35,341	35,393	39,360	37,958	40,054	36,907	36,552
Outlying areas														
American Samoa	—	—	852	5,130	—	—	—	—	—	22,991	—	—	—	—
Guam	—	—	4,107	7,800	—	—	—	—	—	34,956	—	—	—	—
Puerto Rico	—	—	[8] 2,360	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands	—	—	3,407	—	—	—	—	—	—	—	—	—	—	—

—Not available.

[1] Based on the Consumer Price Index prepared by the Bureau of Labor Statistics, U.S. Department of Labor. Price index does not account for different rates of change in the cost of living among states.

[2] Estimated by National Education Association.

[3] Excludes kindergarten teachers.

[4] Includes administrators.

[5] Includes clerical assistants to instructional personnel.

[6] Includes attendance personnel.

[7] Excludes vocational schools not operated as part of the regular public school system.

[8] Median salary.

NOTE: Instructional staff includes supervisors, principals, classroom teachers, and other instructional staff. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems;* National Education Association, *Estimates of School Statistics;* (Copyright © 2001 by the National Education Association. All rights reserved.); and unpublished data. (This table was prepared July 2001.)

Table 81.—Estimated average annual salary of instructional staff in public elementary and secondary schools and average annual earnings of full-time employees in all industries: 1929–30 to 2000–01

School year	Current dollars		Constant 2000–01 dollars[1]		
	Average salary of instructional staff[2]	Earnings per full-time employee working for wages or salary[3]	Average salary of instructional staff[2]	Earnings per full-time employee working for wages or salary[3]	Ratio of average instructional staff salary to earnings per full-time employee
1	2	3	4	5	6
1929–30	$1,420	$1,386	$14,525	$14,178	1.02
1931–32	1,417	1,198	17,209	14,550	1.18
1933–34	1,227	1,070	16,224	14,148	1.15
1935–36	1,283	1,160	16,347	14,780	1.11
1937–38	1,374	1,224	16,794	14,961	1.12
1939–40	1,441	1,282	18,054	16,062	1.12
1941–42	1,507	1,576	16,923	17,698	0.96
1943–44	1,728	2,030	17,363	20,398	0.85
1945–46	1,995	2,272	19,149	21,807	0.88
1947–48	2,639	2,692	19,831	20,230	0.98
1949–50	3,010	2,930	22,253	21,662	1.03
1951–52	3,450	3,322	22,983	22,130	1.04
1953–54	3,825	3,628	24,904	23,622	1.05
1955–56	4,156	3,924	27,068	25,557	1.06
1957–58	4,702	4,276	28,828	26,217	1.10
1959–60	5,174	4,632	30,832	27,602	1.12
1961–62	5,700	4,928	33,203	28,706	1.16
1963–64	6,240	5,373	35,425	30,503	1.16
1965–66	6,935	5,838	38,055	32,035	1.19
1967–68	7,630	6,444	39,283	33,177	1.18
1969–70	9,047	7,334	41,934	33,994	1.23
1970–71	9,698	7,815	42,745	34,445	1.24
1971–72	10,213	8,334	43,456	35,461	1.23
1972–73	10,634	8,858	43,495	36,231	1.20
1973–74	11,254	9,647	42,262	36,228	1.17
1974–75	12,167	10,420	41,133	35,227	1.17
1975–76	13,124	11,218	41,435	35,417	1.17
1976–77	13,840	11,991	41,288	35,772	1.15
1977–78	14,698	12,823	41,089	35,846	1.15
1978–79	15,764	13,822	40,294	35,330	1.14
1979–80	16,715	15,086	37,699	34,024	1.11
1980–81	18,404	16,517	37,199	33,384	1.11
1981–82	20,327	17,863	37,819	33,234	1.14
1982–83	21,641	18,946	38,606	33,798	1.14
1983–84	23,005	19,874	39,574	34,187	1.16
1984–85	24,666	20,815	40,833	34,458	1.19
1985–86	26,362	21,727	42,418	34,959	1.21
1986–87	27,706	22,642	43,612	35,640	1.22
1987–88	29,219	23,698	44,164	35,819	1.23
1988–89	30,850	24,651	44,571	35,615	1.25
1989–90	32,638	25,643	45,006	35,360	1.27
1990–91	34,401	26,791	44,978	35,028	1.28
1991–92	35,556	27,990	45,045	35,459	1.27
1992–93	36,460	29,036	44,791	35,670	1.26
1993–94	37,446	29,778	44,841	35,659	1.26
1994–95	38,339	30,568	44,631	35,584	1.25
1995–96	39,483	31,518	44,745	35,719	1.25
1996–97	40,435	32,735	44,553	36,068	1.24
1997–98	41,243	34,269	44,647	37,098	1.20
1998–99	42,488	35,892	45,212	38,193	1.18
1999–2000	43,768	37,691	45,268	38,982	1.16
2000–01	44,993	—	44,993	—	—

—Not available.

[1] Based on the Consumer Price Index prepared by the Bureau of Labor Statistics, U.S. Department of Labor.

[2] Includes supervisors, principals, classroom teachers, and other instructional staff.

[3] Calendar-year data from the U.S. Department of Commerce have been converted to a school-year basis by averaging the two appropriate calendar years in each case. Beginning in 1992–93, data are wage and salary accruals per full-time-equivalent employee. Data for years 1987–88 and after may not be directly comparable to earlier years.

NOTE: Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, and unpublished data; National Education Association, *Estimates of School Statistics;* and unpublished data. (Copyright © 2001 by the National Education Association. All rights reserved.); U.S. Department of Commerce, *Survey of Current Business*, July and August issues, and Bureau of Economic Analysis, *National Income and Product Accounts Tables*, various years. (This table was prepared August 2001.)

Table 82.—Staff employed in public elementary and secondary school systems, by functional area: 1949–50 to fall 1999

[In full-time equivalents]

School year	Total	School district administrative staff					Instructional staff								Support staff						
		Total	Intermediate district staff	School district superintendents	Officials and administrators	Instruction coordinators	Total	Principals and assistant principals	Teachers	Instructional aides	Librarians	Guidance counselors	Psychological personnel	Other instructional staff	Total	Secretarial and clerical personnel	Transportation staff	Food service	Plant operation and maintenance	Health	Recreational and other staff
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1949–50	1,300,031	33,642	5,843	18,025	(1)	9,774	963,110	43,137	913,671	(2)	(2)	(2)	(2)	6,302	303,280	31,824	81,626	68,814	105,874	9,412	5,730
1959–60	2,089,283	42,423	9,901	13,361	5,386	13,775	1,457,329	63,554	1,353,372	(2)	17,363	14,643	2,121	6,277	589,531	75,930	113,111	161,925	192,655	16,104	29,807
1969–70	3,360,763	65,282	7,113	13,014	13,618	31,537	2,285,568	90,593	2,016,244	57,418	42,689	48,763	6,168	23,693	1,009,913	164,476	175,351	270,338	273,395	26,562	99,791
Fall 1980	4,168,286	78,784	—	13,269	44,961	20,554	2,859,573	107,061	2,184,216	325,755	48,018	63,973	14,033	116,517	1,229,929	223,647	(3)	(3)	(3)	(3)	1,006,282
Fall 1985	4,159,624	[4]67,404	—	—	—	—	[4]2,756,232	129,297	2,205,987	306,860	47,442	66,646	(5)	(5)	[4]1,335,988	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1990	4,494,076	[4]75,868	—	—	—	—	[4]3,051,404	127,417	2,398,169	395,959	49,909	79,950	(5)	(5)	[4]1,366,804	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1991	4,559,359	[4]76,084	—	—	—	—	[4]3,103,939	129,304	2,432,243	410,538	49,917	81,937	(5)	(5)	[4]1,379,336	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1992	4,708,286	[6]78,414	(7)	(7)	45,712	32,702	[4]3,139,544	121,936	2,458,956	427,279	50,324	81,049	(5)	(5)	[4]1,490,328	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1993	4,808,080	[6]80,862	(7)	(7)	47,614	33,248	[4]3,209,381	121,486	2,503,901	450,519	50,511	82,964	(5)	(5)	[4]1,517,837	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1994	4,904,757	[6]81,867	(7)	(7)	48,827	33,040	[4]3,280,752	120,017	2,551,875	473,348	50,668	84,844	(5)	(5)	[4]1,542,138	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1995	4,994,358	[6]82,998	(7)	(7)	49,315	33,683	[4]3,351,528	120,629	2,598,220	494,289	50,862	87,528	(5)	(5)	[4]1,559,832	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1996	5,091,205	[6]81,975	(7)	(7)	48,480	33,495	[4]3,447,580	123,734	2,667,419	516,356	51,464	88,607	(5)	(5)	[4]1,561,650	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1997	5,266,415	[6]85,267	(7)	(7)	50,432	34,835	[4]3,572,955	126,129	2,746,157	557,453	52,142	91,074	(5)	(5)	[4]1,608,193	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1998	5,419,181	[6]88,939	(7)	(7)	52,975	35,964	[4]3,693,630	129,317	2,830,286	588,108	52,805	93,114	(5)	(5)	[4]1,636,612	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1999	5,617,397	[6]93,916	(7)	(7)	55,245	38,671	[4]3,810,308	133,011	2,906,554	621,385	53,661	95,697	(5)	(5)	[4]1,713,173	(5)	(5)	(5)	(5)	(5)	(5)
	Percentage distribution																				
1949–50	100.0	2.6	0.4	1.4	(1)	0.8	74.1	3.3	70.3	(2)	(2)	(2)	(2)	0.5	23.3	2.4	6.3	5.3	8.1	0.7	0.4
1959–60	100.0	2.0	0.5	0.6	0.3	0.7	69.8	3.0	64.8	(2)	0.8	0.7	0.1	0.3	28.2	3.6	5.4	7.8	9.2	0.8	1.4
1969–70	100.0	1.9	0.2	0.4	0.4	0.9	68.0	2.7	60.0	1.7	1.3	1.5	0.2	0.7	30.1	4.9	5.2	8.0	8.1	0.8	3.0
Fall 1980	100.0	1.9	—	0.3	1.1	0.5	68.6	2.6	52.4	7.8	1.2	1.5	0.3	2.8	29.5	5.4	(3)	(3)	(3)	(3)	24.1
Fall 1985	100.0	[4]1.6	—	—	—	—	[4]66.3	3.1	53.0	7.4	1.1	1.6	(5)	(5)	[4]32.1	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1990	100.0	[4]1.7	—	—	—	—	[4]67.9	2.8	53.4	8.8	1.1	1.8	(5)	(5)	[4]30.4	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1991	100.0	[4]1.7	—	—	—	—	[4]68.1	2.8	53.3	9.0	1.1	1.8	(5)	(5)	[4]30.3	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1992	100.0	[6]1.7	(7)	(7)	1.0	0.7	[4]66.7	2.6	52.2	9.1	1.1	1.7	(5)	(5)	[4]31.7	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1993	100.0	[6]1.7	(7)	(7)	1.0	0.7	[4]66.7	2.5	52.1	9.4	1.1	1.7	(5)	(5)	[4]31.6	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1994	100.0	[6]1.7	(7)	(7)	1.0	0.7	[4]66.9	2.4	52.0	9.7	1.0	1.7	(5)	(5)	[4]31.4	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1995	100.0	[6]1.7	(7)	(7)	1.0	0.7	[4]67.1	2.4	52.0	9.9	1.0	1.8	(5)	(5)	[4]31.2	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1996	100.0	[6]1.6	(7)	(7)	1.0	0.7	[4]67.7	2.4	52.4	10.1	1.0	1.7	(5)	(5)	[4]30.7	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1997	100.0	[6]1.6	(7)	(7)	1.0	0.7	[4]67.8	2.4	52.1	10.6	1.0	1.7	(5)	(5)	[4]30.5	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1998	100.0	[6]1.6	(7)	(7)	1.0	0.7	[4]68.2	2.4	52.2	10.9	1.0	1.7	(5)	(5)	[4]30.2	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1999	100.0	[6]1.7	(7)	(7)	1.0	0.7	[4]67.8	2.4	51.7	11.1	1.0	1.7	(5)	(5)	[4]30.5	(5)	(5)	(5)	(5)	(5)	(5)
	Pupils per staff member																				
1949–50	19.3	746.4	4,297.7	1,393.1	—	2,569.2	26.1	582.1	27.5	(2)	(2)	(2)	(2)	3,984.7	82.8	789.1	307.6	364.9	237.2	2,668.0	4,382.4
1959–60	16.8	829.3	3,553.4	2,633.2	6,532.2	2,554.1	24.1	553.6	26.0	(2)	2,026.3	2,402.7	16,589.1	5,605.1	59.7	463.4	311.0	217.3	182.6	2,184.7	1,180.3
1969–70	13.6	697.7	6,403.8	3,500.1	3,344.9	1,444.3	19.9	502.8	22.6	793.3	1,067.0	934.1	7,384.9	1,922.5	45.1	276.9	259.8	168.5	166.6	1,714.9	456.5
Fall 1980	9.8	518.9	—	3,080.7	909.2	1,988.8	14.3	381.8	18.7	125.5	851.3	639.0	2,913.0	350.8	33.2	182.8	(3)	(3)	(3)	(3)	40.6
Fall 1985	9.5	[4]584.9	—	—	—	—	[4]14.3	304.9	17.9	128.5	831.0	591.5	(5)	(5)	[4]29.5	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1990	9.2	[4]543.3	—	—	—	—	[4]13.5	323.5	17.2	104.1	825.8	515.5	(5)	(5)	[4]30.2	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1991	9.2	[4]552.6	—	—	—	—	[4]13.5	325.2	17.3	102.4	842.3	513.2	(5)	(5)	[4]30.5	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1992	9.1	[6]546.1	(7)	(7)	936.8	1,309.5	[4]13.6	351.2	17.4	100.2	851.0	528.4	(5)	(5)	[4]28.7	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1993	9.0	[6]537.5	(7)	(7)	912.9	1,307.3	[4]13.5	357.8	17.4	96.5	860.5	523.9	(5)	(5)	[4]28.6	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1994	9.0	[6]538.8	(7)	(7)	903.4	1,335.1	[4]13.4	367.5	17.3	93.2	870.6	519.9	(5)	(5)	[4]28.6	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1995	9.0	[6]540.3	(7)	(7)	909.3	1,331.2	[4]13.4	371.7	17.3	90.7	881.6	512.3	(5)	(5)	[4]28.7	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1996	9.0	[6]556.4	(7)	(7)	940.8	1,361.7	[4]13.2	368.6	17.1	88.3	886.3	514.8	(5)	(5)	[4]29.2	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1997	8.8	[6]541.0	(7)	(7)	914.6	1,324.2	[4]12.9	365.7	16.8	82.7	884.6	506.5	(5)	(5)	[4]28.7	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1998	8.6	[6]523.3	(7)	(7)	878.5	1,294.0	[4]12.6	359.9	16.4	79.1	881.3	499.8	(5)	(5)	[4]28.4	(5)	(5)	(5)	(5)	(5)	(5)
Fall 1999	8.3	[6]498.9	(7)	(7)	848.2	1,211.7	[4]12.3	352.3	16.1	75.4	873.2	489.6	(5)	(5)	[4]27.4	(5)	(5)	(5)	(5)	(5)	(5)

—Not available

[1] Data included in column 5.

[2] Data included in column 10.

[3] Data included in column 22.

[4] Data not comparable with figures for years prior to 1985.

[5] Data included in column 16.

[6] Because of classification revisions, data are not directly comparable with figures for prior years.

[7] Data included in column 6.

NOTE: Some data have been revised from previously published figures. Because of variations in data collection instruments, some categories are only roughly comparable over time. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*; Common Core of Data surveys; and unpublished estimates. (This table was prepared February 2001.)

Table 83.—Staff employed in public school systems, by type of assignment and state: Fall 1999

[In full-time equivalents]

State or other area	Total	School district staff			School staff						Student support staff	Other support services staff
		Officials and administrators	Administrative support staff	Instruction coordinators	Principals and assistant principals	School and library support staff	Teachers	Instructional aides	Guidance counselors	Librarians		
1	2	3	4	5	6	7	8	9	10	11	12	13
United States [1]	**5,617,397**	**55,245**	**166,394**	**38,671**	**133,011**	**264,200**	**2,906,554**	**621,385**	**95,697**	**53,661**	**173,162**	**1,109,417**
Alabama [2]	88,482	1,169	1,265	467	3,047	2,579	48,614	6,270	1,701	1,294	1,123	20,933
Alaska [3]	16,086	265	652	132	695	1,121	7,838	2,221	243	148	448	2,323
Arizona	88,259	403	783	185	1,997	9,031	43,892	11,631	1,158	785	6,996	11,398
Arkansas	59,755	557	747	250	1,613	1,503	31,362	5,526	1,435	1,018	2,528	13,216
California [2]	532,665	2,447	22,197	6,088	12,536	34,343	287,344	62,753	6,074	1,379	13,281	84,223
Colorado	79,672	898	2,307	749	1,924	4,263	40,772	8,842	1,211	729	2,806	15,171
Connecticut	79,848	1,197	1,834	395	1,959	3,636	39,907	10,544	1,176	729	3,864	14,607
Delaware	13,369	79	362	147	329	405	7,318	921	229	119	703	2,757
District of Columbia [4]	9,453	111	254	76	240	447	4,779	1,127	181	104	335	1,799
Florida	271,339	1,690	14,053	825	6,120	13,524	130,336	30,871	5,321	2,636	9,797	56,166
Georgia	183,674	1,616	1,984	1,182	4,484	8,460	90,638	23,568	2,865	2,035	4,546	42,296
Hawaii	17,902	132	258	375	497	715	10,866	1,126	600	289	743	2,301
Idaho	24,192	118	523	262	714	1,011	13,641	2,497	578	194	457	4,197
Illinois [5]	244,164	3,727	6,674	2,067	5,681	11,745	124,815	29,601	2,897	1,962	7,735	47,260
Indiana	125,236	919	642	1,496	2,888	8,165	58,864	17,317	1,819	1,077	1,875	30,174
Iowa	65,957	1,110	741	383	1,981	4,642	33,480	7,944	1,214	709	2,179	11,574
Kansas	63,771	1,241	1,173	117	1,733	2,550	32,969	6,657	1,159	976	1,246	13,950
Kentucky	93,332	1,087	2,738	400	1,861	2,002	41,954	14,423	1,312	1,097	2,187	24,271
Louisiana	101,233	311	869	1,164	2,585	3,187	50,031	10,874	3,293	1,196	1,104	26,619
Maine	32,499	504	719	150	885	1,394	16,349	5,028	629	247	1,268	5,326
Maryland	93,620	977	1,206	1,674	3,031	3,866	50,995	8,594	2,022	1,087	2,486	17,682
Massachusetts [6]	136,257	1,044	6,496	1,561	2,923	4,518	77,596	16,800	2,249	837	2,807	19,426
Michigan	210,718	2,257	3,610	847	5,736	8,765	56,111	23,625	3,082	1,586	12,966	52,133
Minnesota	104,546	1,973	6,658	409	1,789	11,205	56,010	14,112	1,067	1,044	10,279	0
Mississippi	63,946	968	1,639	591	1,639	2,254	30,722	8,712	955	983	2,246	13,237
Missouri	118,104	1,170	7,636	783	2,920	4,689	63,890	10,131	2,588	1,566	3,709	19,022
Montana [6]	20,036	153	519	157	501	913	10,353	2,300	426	359	683	3,672
Nebraska	39,142	565	798	276	960	1,582	20,766	4,140	755	551	1,080	7,669
Nevada	30,247	224	732	110	884	1,360	17,380	2,095	654	292	1,304	5,212
New Hampshire	27,129	410	512	165	516	995	14,037	4,858	699	294	536	4,107
New Jersey	178,053	1,778	6,928	1,364	4,459	9,673	95,883	17,761	3,408	1,809	9,602	25,388
New Mexico	43,184	765	1,716	604	951	2,822	19,797	4,748	704	282	2,239	8,556
New York	408,977	2,783	26,163	1,735	7,363	6,852	202,078	38,068	5,843	3,091	8,645	106,356
North Carolina	158,696	1,490	74	814	4,471	21	81,914	26,730	3,265	2,246	4,080	33,591
North Dakota	15,132	464	170	94	407	528	8,150	1,743	271	192	474	2,639
Ohio	213,484	5,559	10,405	420	954	14,295	116,200	13,603	3,425	1,653	1,448	45,522
Oklahoma	73,831	723	1,894	150	2,011	3,266	41,498	6,166	1,518	980	1,212	14,413
Oregon	55,610	786	1,586	327	1,621	3,713	27,803	7,785	1,229	569	1,363	8,828
Pennsylvania	216,725	1,478	7,974	1,368	4,262	10,457	114,525	20,196	3,977	2,215	9,217	41,056
Rhode Island	17,927	187	468	73	386	909	11,041	2,177	315	65	393	1,913
South Carolina [5]	85,494	233	2,195	466	2,363	3,862	45,468	9,734	1,610	1,130	2,891	15,542
South Dakota	17,437	358	298	214	423	738	9,384	2,088	310	175	830	2,619
Tennessee	112,477	1,746	2,452	1,009	3,927	5,536	60,702	11,738	1,720	1,462	3,369	18,816
Texas	523,948	2,857	3,067	1,175	13,006	26,006	267,935	53,749	9,149	4,607	4,439	137,958
Utah	40,235	109	740	618	949	2,242	21,832	5,258	658	308	522	6,999
Vermont	17,408	146	325	280	407	767	8,474	3,770	370	220	672	1,977
Virginia [2]	145,522	1,898	1,871	1,693	3,753	6,378	81,073	14,419	3,382	2,068	9,451	19,536
Washington	96,033	1,117	2,360	765	2,662	4,899	50,368	10,031	1,908	1,318	3,128	17,477
West Virginia	38,709	337	1,881	355	1,079	369	21,082	3,008	655	400	972	8,571
Wisconsin	109,951	901	2,857	1,528	2,548	5,230	60,778	11,811	2,023	1,416	4,495	16,364
Wyoming	13,931	188	389	136	341	767	6,940	1,694	365	133	403	2,575
Bureau of Indian Affairs	—	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools [7]	11,588	78	77	208	398	982	7,415	910	351	230	510	429
Outlying areas												
American Samoa	1,613	35	48	30	56	86	801	121	30	6	63	337
Guam	3,685	20	187	110	51	557	1,809	693	40	19	50	149
Northern Marianas	956	9	74	9	30	39	488	157	16	0	38	96
Puerto Rico	71,673	1,500	219	395	1,424	4,444	41,349	—	907	981	2,635	17,819
Virgin Islands	2,964	75	151	19	87	79	1,528	323	81	37	296	288

—Not available.

[1] Includes imputations for undercounts in designated states.

[2] Includes imputations for prekindergarten teachers.

[3] Includes imputations for instructional coordinators.

[4] Includes imputations for all categories of staff.

[5] Includes imputations for instructional aides and all support staff.

[6] Includes imputations for student support staff and other support staff.

[7] Includes both overseas and domestic schools.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and unpublished estimates. (This table was prepared February 2001.)

Table 84.—Staff employed in public school systems, by type of assignment and state: Fall 1998

[In full-time equivalents]

State or other area	Total	School district staff			School staff						Student support staff	Other support services staff
		Officials and administrators	Administrative support staff	Instruction coordinators	Principals and assistant principals	School and library support staff	Teachers	Instructional aides	Guidance counselors	Librarians		
1	2	3	4	5	6	7	8	9	10	11	12	13
United States [1]	**5,419,181**	**52,975**	**160,022**	**35,964**	**129,317**	**251,575**	**2,830,286**	**588,108**	**93,114**	**52,805**	**159,277**	**1,065,738**
Alabama [2]	87,654	681	1,222	572	2,788	2,632	47,766	6,752	1,785	1,278	527	21,651
Alaska [3]	16,098	209	528	123	836	818	8,118	2,162	235	149	603	2,317
Arizona [4]	85,015	408	749	184	1,899	6,940	42,352	11,561	1,093	780	8,094	10,955
Arkansas [5]	40,778	596	201	221	1,492	886	27,953	3,231	1,179	930	2,944	1,145
California [2]	514,520	2,271	21,353	5,860	11,760	32,817	281,784	59,113	5,760	1,297	11,274	81,231
Colorado	76,125	856	2,179	619	1,859	4,136	39,434	8,051	1,121	702	2,732	14,436
Connecticut	77,410	1,105	1,718	408	1,894	3,546	38,772	9,950	1,175	719	3,722	14,401
Delaware	12,869	87	429	51	415	490	7,074	1,014	227	120	516	2,446
District of Columbia	9,840	45	347	125	271	240	5,187	384	242	135	200	2,664
Florida	262,170	1,598	13,597	823	5,988	12,940	126,796	28,882	5,208	2,635	9,083	54,620
Georgia	177,832	1,686	1,940	1,095	4,284	8,217	88,658	22,809	2,763	1,991	3,637	40,751
Hawaii	17,354	132	252	402	493	722	10,639	1,042	576	290	557	2,249
Idaho	23,833	117	513	246	710	977	13,426	2,375	585	194	439	4,251
Illinois [6]	234,318	3,643	6,257	2,147	5,487	10,986	121,758	27,415	2,881	1,914	7,360	44,470
Indiana	124,097	914	565	1,443	2,880	8,265	58,084	17,785	1,788	1,075	1,738	29,560
Iowa	65,967	814	747	367	1,684	4,640	32,822	7,725	1,300	733	3,080	12,055
Kansas	60,829	1,017	1,030	106	1,712	2,552	32,003	5,955	1,117	971	1,014	13,352
Kentucky	91,088	1,046	2,721	395	1,829	2,006	40,803	13,909	1,293	1,098	2,042	23,946
Louisiana	99,401	288	721	1,118	2,547	3,067	49,124	10,379	2,983	1,211	1,101	26,862
Maine	31,297	471	710	155	891	1,386	15,890	4,686	601	245	1,176	5,086
Maryland	93,313	701	771	731	3,395	5,049	49,840	7,712	1,957	1,083	1,524	20,550
Massachusetts	126,843	1,073	6,701	1,240	2,195	3,421	69,752	16,457	2,302	644	2,000	21,058
Michigan	209,413	2,181	3,534	836	5,603	8,435	93,220	21,878	3,054	1,566	8,098	61,008
Minnesota	101,583	2,317	6,534	371	1,763	10,664	54,449	13,331	974	1,050	10,125	5
Mississippi	65,023	971	1,663	574	1,653	2,270	31,140	9,037	953	984	2,224	13,554
Missouri	116,304	1,164	7,558	779	2,860	4,905	62,449	9,582	2,540	1,507	3,524	19,436
Montana [6]	18,991	155	498	135	537	874	10,221	2,180	428	356	70	3,537
Nebraska	38,207	546	783	251	946	1,578	20,310	3,954	745	550	1,022	7,522
Nevada	29,132	211	634	113	847	1,409	16,415	2,148	637	274	1,237	5,207
New Hampshire	25,574	391	509	155	517	863	13,290	4,336	689	269	498	4,057
New Jersey	171,196	1,686	6,898	1,324	4,309	8,905	92,264	16,542	3,295	1,797	9,150	25,026
New Mexico	41,125	792	1,278	664	916	2,627	19,981	4,781	706	266	1,715	7,399
New York	376,189	2,484	25,169	1,481	7,047	6,759	197,253	34,221	5,648	3,027	8,395	84,705
North Carolina	152,899	1,495	80	680	4,307	33	79,531	25,785	3,155	2,247	3,679	31,907
North Dakota	14,765	451	170	87	409	516	7,974	1,678	254	191	425	2,610
Ohio	209,668	5,452	10,084	401	981	14,187	113,984	12,881	3,385	1,687	1,419	45,207
Oklahoma	70,752	728	1,775	140	1,979	3,372	40,876	5,639	1,460	929	1,118	12,736
Oregon	53,781	810	1,480	304	1,618	3,632	27,152	7,337	1,218	588	1,247	8,395
Pennsylvania	209,862	1,431	8,027	1,522	4,054	9,737	111,065	18,685	3,830	2,198	9,363	39,950
Rhode Island	17,832	167	381	66	395	929	11,124	1,994	317	64	387	2,008
South Carolina [6]	81,479	245	2,067	443	2,300	3,630	43,689	9,058	1,581	1,123	2,650	14,693
South Dakota	16,525	361	285	121	419	683	9,273	1,893	341	177	460	2,512
Tennessee	110,068	1,840	2,497	911	4,388	5,187	59,258	11,742	1,689	1,457	3,112	17,987
Texas	506,134	2,738	2,773	1,103	12,564	23,595	259,739	51,844	8,771	4,508	4,250	134,249
Utah	39,198	105	716	547	995	2,030	21,501	4,995	726	300	456	6,827
Vermont	16,817	147	121	267	408	775	8,221	3,593	365	213	616	2,091
Virginia [2]	142,544	1,835	1,869	1,541	3,676	6,187	79,323	13,772	3,317	2,037	9,451	19,536
Washington	93,750	1,094	2,340	707	2,627	4,800	49,671	9,661	1,851	1,286	3,115	16,598
West Virginia	38,655	330	1,890	348	1,062	315	20,989	3,079	640	358	1,097	8,547
Wisconsin	109,266	896	2,834	1,509	2,486	5,178	61,176	11,590	2,005	1,459	4,376	15,757
Wyoming	13,798	194	324	152	342	767	6,713	1,543	369	143	635	2,616
Bureau of Indian Affairs	—	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools, overseas schools	7,782	77	37	120	291	728	5,171	772	172	165	202	47
Outlying areas												
American Samoa	1,524	35	47	48	67	93	764	115	34	6	59	256
Guam	3,073	24	210	83	52	662	1,052	685	45	23	54	183
Northern Marianas	1,041	15	102	10	32	46	496	159	20	2	45	114
Puerto Rico	68,999	1,329	216	422	1,288	4,035	39,781	165	879	928	2,551	17,405
Virgin Islands	3,055	71	161	19	88	92	1,567	327	82	37	297	314

—Not available.

[1] Includes imputations for undercounts in designated states.

[2] Includes imputations for prekindergarten teachers.

[3] Includes imputations for instructional coordinators.

[4] Includes imputations for instructional aides and library support staff.

[5] Includes imputations for library support staff.

[6] Includes imputations for instructional aides and all support staff except student support staff.

NOTE: Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and unpublished estimates. (This table was prepared February 2001.)

Table 85.—Staff and teachers in public elementary and secondary schools, by state: Fall 1993 to fall 1999

State or other area	Teachers as a percent of staff				Fall 1997			Fall 1998[1]			Fall 1999		
	Fall 1993	Fall 1994	Fall 1995	Fall 1996	Staff	Teachers	Teachers as a percent of staff	Staff	Teachers	Teachers as a percent of staff	Staff	Teachers	Teachers as a percent of staff
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States[2]	**52.1**	**52.0**	**52.0**	**52.4**	**5,266,415**	**2,746,157**	**52.1**	**5,419,181**	**2,830,286**	**52.2**	**5,617,397**	**2,906,554**	**51.7**
Alabama	[3]53.1	[3]52.5	[3]52.9	[3]53.0	[3]85,945	[3]45,967	[3]53.5	[3]87,654	[3]47,766	[3]54.5	[3]88,482	[3]48,614	[3]54.9
Alaska	45.8	[3]47.6	[3]49.1	[3]50.2	[3]14,951	7,625	[3]51.0	[3]16,098	8,118	[3]50.4	[3]16,086	7,838	[3]48.7
Arizona	50.2	51.2	50.1	51.0	80,907	41,129	50.8	[3]85,015	42,352	[3]49.8	88,259	43,892	49.7
Arkansas	51.5	52.2	53.8	[3]52.3	[3]51,271	[3]26,931	[3]52.5	[3]40,778	27,953	[3]68.5	59,755	31,362	52.5
California	[3]51.4	[3]51.6	[3]52.0	[3]53.1	[3]493,791	[3]268,535	[3]54.4	[3]514,520	[3]281,784	[3]54.8	[3]532,665	[3]287,344	[3]53.9
Colorado	53.5	53.7	52.5	51.1	72,247	37,840	52.4	76,125	39,434	51.8	79,672	40,772	51.2
Connecticut	55.7	54.5	54.5	53.1	73,529	37,658	51.2	77,410	38,772	50.1	79,848	39,907	50.0
Delaware	54.8	54.6	54.5	54.4	12,554	6,850	54.6	12,869	7,074	55.0	13,369	7,318	54.7
District of Columbia	57.2	58.2	56.4	56.8	[3]8,724	4,388	[3]50.3	9,840	5,187	52.7	[3]9,453	4,779	[3]50.6
Florida	48.8	48.8	48.3	48.4	256,313	124,473	48.6	262,170	126,796	48.4	271,339	130,336	48.0
Georgia	[3]47.5	[3]48.3	[3]48.2	[3]54.0	[3]161,779	86,244	[3]53.3	177,832	88,658	49.9	183,674	90,638	49.3
Hawaii	55.3	61.8	62.3	62.7	17,117	10,653	62.2	17,354	10,639	61.3	17,902	10,866	60.7
Idaho	60.1	59.4	58.6	57.6	23,100	13,207	57.2	23,833	13,426	56.3	24,192	13,641	56.4
Illinois	55.8	54.2	54.3	[3]52.5	[3]229,218	118,734	[3]51.8	[3]234,318	121,758	[3]52.0	[3]244,164	124,815	[3]51.1
Indiana	48.4	48.1	48.0	47.3	121,748	57,371	47.1	124,097	58,084	46.8	125,236	58,864	47.0
Iowa	52.5	52.5	52.1	51.7	64,265	32,700	50.9	65,967	32,822	49.8	65,957	33,480	50.8
Kansas	54.3	53.8	53.7	53.2	59,603	31,527	52.9	60,829	32,003	52.6	63,771	32,969	51.7
Kentucky	45.9	47.5	46.3	[3]52.5	[3]88,991	40,488	[3]45.5	91,088	40,803	44.8	93,332	41,954	45.0
Louisiana	50.3	49.5	50.5	50.3	98,537	48,599	49.3	99,401	49,124	49.4	101,233	50,031	49.4
Maine	53.2	52.6	52.3	51.4	30,534	15,700	51.4	31,297	15,890	50.8	32,499	16,349	50.3
Maryland	53.4	55.0	54.4	56.1	87,367	48,318	55.3	93,313	49,840	53.4	93,620	50,995	54.5
Massachusetts	56.4	55.9	55.4	55.3	121,359	67,170	55.3	126,843	69,752	55.0	[3]136,257	77,596	[3]56.9
Michigan	47.4	48.9	46.9	45.2	202,128	90,529	44.8	209,413	93,220	44.5	210,718	96,111	45.6
Minnesota	62.7	62.7	62.7	55.5	97,365	51,998	53.4	101,583	54,449	53.6	104,546	56,010	53.6
Mississippi	47.4	47.5	47.6	47.9	61,693	29,441	47.7	65,023	31,140	47.9	63,946	30,722	48.0
Missouri	48.6	48.4	48.0	55.0	111,067	60,889	54.8	116,304	62,449	53.7	118,104	63,890	54.1
Montana	[3]53.2	[3]54.6	[3]54.2	[3]54.4	[3]19,044	10,228	[3]53.7	[3]18,991	10,221	[3]53.8	[3]20,036	10,353	[3]51.7
Nebraska	[3]53.3	[3]53.2	52.9	53.0	37,777	20,065	53.1	38,207	20,310	53.2	39,142	20,766	53.1
Nevada	56.1	58.1	58.5	58.1	27,830	16,053	57.7	29,132	16,415	56.3	30,247	17,380	57.5
New Hampshire	54.6	54.2	53.3	53.0	24,778	12,931	52.2	25,574	13,290	52.0	27,129	14,037	51.7
New Jersey	52.8	52.8	53.2	53.7	166,796	89,671	53.8	171,196	92,264	53.9	178,053	95,883	53.9
New Mexico	50.2	48.8	48.3	49.0	40,579	19,647	48.4	41,125	19,981	48.6	43,184	19,797	45.8
New York	50.7	51.1	51.0	50.9	374,182	190,874	51.0	376,189	197,253	52.4	408,977	202,078	49.4
North Carolina	52.2	[3]52.0	[3]52.2	[3]51.9	[3]149,264	77,785	[3]52.1	152,899	79,531	52.0	158,696	81,914	51.6
North Dakota	56.3	56.0	54.3	54.2	14,862	8,070	54.3	14,765	7,974	54.0	15,132	8,150	53.9
Ohio	53.2	54.5	55.2	55.1	203,086	110,761	54.5	209,668	113,984	54.4	213,484	116,200	54.4
Oklahoma	53.4	[3]50.3	[3]47.0	58.0	69,294	40,215	58.0	70,752	40,876	57.8	73,831	41,498	56.2
Oregon	52.6	52.0	51.8	51.2	53,094	26,935	50.7	53,781	27,152	50.5	55,610	27,803	50.0
Pennsylvania	53.1	53.2	53.0	52.9	205,642	108,014	52.5	209,862	111,065	52.9	216,725	114,525	52.8
Rhode Island	63.6	65.2	63.5	63.3	17,197	10,598	61.6	17,832	11,124	62.4	17,927	11,041	61.6
South Carolina	[3]54.1	[3]53.2	[3]53.3	[3]54.0	[3]79,219	42,336	[3]53.4	[3]81,479	43,689	[3]53.6	[3]85,494	45,468	[3]53.2
South Dakota	55.6	[3]55.5	[3]53.2	53.2	16,846	9,282	55.1	16,525	9,273	56.1	17,437	9,384	53.8
Tennessee	[3]49.9	[3]49.2	54.0	54.0	102,349	54,142	52.9	110,068	59,258	53.8	112,477	60,702	54.0
Texas	51.9	52.0	52.0	51.8	492,932	254,557	51.6	506,134	259,739	51.3	523,948	267,935	51.1
Utah	54.0	54.0	53.6	52.7	39,630	21,115	53.3	39,198	21,501	54.9	40,235	21,832	54.3
Vermont	[3]49.1	[3]49.3	49.1	49.4	16,388	7,909	48.3	16,817	8,221	48.9	17,408	8,474	48.7
Virginia	54.5	[3]54.3	[3]54.3	[3]53.5	[3]142,743	[3]77,575	[3]54.3	[3]142,544	[3]79,323	[3]55.6	[3]145,522	[3]81,073	[3]55.7
Washington	51.9	[3]51.3	[3]51.4	53.5	92,338	49,074	53.1	93,750	49,671	53.0	96,033	50,368	52.4
West Virginia	54.6	54.6	54.5	54.8	38,499	20,947	54.4	38,655	20,989	54.3	38,709	21,082	54.5
Wisconsin	59.6	53.5	57.9	54.8	[3]102,362	55,732	[3]54.4	109,266	61,176	56.0	109,951	60,778	55.3
Wyoming	50.7	52.0	51.2	50.5	13,581	6,677	49.2	13,798	6,713	48.7	13,931	6,940	49.8
Bureau of Indian Affairs	—	—	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools[4]	—	—	—	61.7	7,840	5,227	66.7	7,782	5,171	66.4	11,588	7,415	64.0
Outlying areas													
American Samoa	49.0	52.1	51.4	49.9	1,499	762	50.8	1,524	764	50.1	1,613	801	49.7
Guam	42.8	38.6	48.3	47.6	2,925	1,363	46.6	3,073	1,052	34.2	3,685	1,809	49.1
Northern Marianas	39.1	38.6	40.0	41.8	1,085	483	44.5	1,041	496	47.6	956	488	51.0
Puerto Rico	58.5	58.0	56.4	55.7	69,368	38,953	56.2	68,999	39,781	57.7	71,891	41,349	57.5
Virgin Islands	47.2	47.9	47.4	49.6	3,153	1,559	49.4	3,055	1,567	51.3	2,964	1,528	51.6

—Not available.

[1] Data revised from previously published data.

[2] U.S. totals include imputations for underreporting and nonreporting states.

[3] Includes imputations for underreporting.

[4] The Department of Defense dependents schools includes overseas schools only through 1998. Data for 1999 includes both overseas and domestic schools.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and unpublished estimates. (This table was prepared February 2001.)

Table 86.—Staff, enrollment, and pupil/staff ratios in public elementary and secondary schools, by state: Fall 1993 to fall 1999

State or other area	Pupil/staff ratio				Fall 1997			Fall 1998[1]			Fall 1999		
	Fall 1993	Fall 1994	Fall 1995	Fall 1996	Staff	Enrollment	Pupil/staff ratio	Staff	Enrollment	Pupil/staff ratio	Staff	Enrollment	Pupil/staff ratio
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States[2]	**9.0**	**9.0**	**9.0**	**9.0**	**5,266,415**	**46,126,897**	**8.8**	**5,419,181**	**46,538,585**	**8.6**	**5,617,397**	**46,857,321**	**8.3**
Alabama	[3]9.1	[3]9.0	[3]9.0	[3]8.8	[3]85,945	[3]749,207	[3]8.7	[3]87,654	[3]747,980	[3]8.5	[3]88,482	[3]740,732	[3]8.4
Alaska	8.0	[3]8.4	[3]8.5	[3]8.8	[3]14,951	132,123	[3]8.8	[3]16,098	135,373	[3]8.4	[3]16,086	134,391	[3]8.4
Arizona	9.5	9.9	9.8	10.1	80,907	814,113	10.1	[3]85,015	848,262	[3]10.0	88,259	852,612	9.7
Arkansas	8.8	8.9	9.2	[3]9.0	[3]51,271	456,497	[3]8.9	[3]40,778	452,256	[3]11.1	59,755	451,034	7.5
California	[3]12.4	[3]12.4	[3]12.5	[3]12.1	[3]493,791	[3]5,803,887	[3]11.8	[3]514,520	[3]5,926,037	[3]11.5	[3]532,665	[3]6,038,589	[3]11.3
Colorado	9.9	9.9	9.7	9.5	72,247	687,167	9.5	76,125	699,135	9.2	79,672	708,109	8.9
Connecticut	8.0	7.8	7.8	7.7	73,529	535,164	7.3	77,410	544,698	7.0	79,848	553,993	6.9
Delaware	9.1	9.1	9.1	9.1	12,554	111,960	8.9	12,869	113,262	8.8	13,369	112,836	8.4
District of Columbia	7.6	7.7	8.5	8.4	[3]8,724	77,111	[3]8.8	9,840	71,889	7.3	[3]9,453	77,194	[3]8.2
Florida	9.0	9.3	9.2	9.0	256,313	2,294,077	9.0	262,170	2,337,633	8.9	271,339	2,381,396	8.8
Georgia	[3]7.9	[3]7.9	[3]7.9	[3]8.9	[3]161,779	1,375,980	[3]8.5	177,832	1,401,291	7.9	183,674	1,422,762	7.7
Hawaii	9.9	11.1	11.1	11.1	17,117	189,887	11.1	17,354	188,069	10.8	17,902	185,860	10.4
Idaho	11.8	11.3	11.1	10.8	23,100	244,403	10.6	23,833	244,722	10.3	24,192	245,331	10.1
Illinois	9.5	9.4	9.3	[3]8.9	[3]229,218	1,998,289	[3]8.7	[3]234,318	2,011,530	[3]8.6	[3]244,164	2,027,600	[3]8.3
Indiana	8.5	8.4	8.4	8.2	121,748	986,836	8.1	124,097	989,001	8.0	125,236	988,702	7.9
Iowa	8.3	8.3	8.1	8.0	64,265	501,054	7.8	65,967	498,214	7.6	65,957	497,301	7.5
Kansas	8.2	8.1	8.1	8.0	59,603	468,687	7.9	60,829	472,353	7.8	63,771	472,188	7.4
Kentucky	8.1	8.0	7.8	[3]8.8	[3]88,991	669,322	[3]7.5	91,088	655,687	7.2	93,332	648,180	6.9
Louisiana	8.6	8.3	8.6	8.4	98,537	776,813	7.9	99,401	768,734	7.7	101,233	756,579	7.5
Maine	7.5	7.3	7.3	7.1	30,534	212,579	7.0	31,297	211,051	6.7	32,499	209,253	6.4
Maryland	9.3	9.3	9.2	9.6	87,367	830,744	9.5	93,313	841,671	9.0	93,620	846,582	9.0
Massachusetts	8.4	8.3	8.1	8.0	121,359	949,006	7.8	126,843	962,317	7.6	[3]136,257	971,425	[3]7.1
Michigan	9.4	9.8	9.2	8.6	202,128	1,702,717	8.4	209,413	[3]1,720,287	[3]8.2	210,718	[3]1,725,617	[3]8.2
Minnesota	10.8	11.0	11.2	9.8	97,365	853,621	8.8	101,583	856,455	8.4	104,546	854,034	8.2
Mississippi	8.5	8.3	8.3	8.2	61,693	504,792	8.2	65,023	502,379	7.7	63,946	500,716	7.8
Missouri	7.7	7.5	7.4	8.3	111,067	910,613	8.2	116,304	913,494	7.9	118,104	914,110	7.7
Montana	[3]8.7	[3]8.9	[3]8.9	[3]8.7	[3]19,044	162,335	[3]8.5	[3]18,991	159,988	[3]8.4	[3]20,036	157,556	[3]7.9
Nebraska	[3]7.7	[3]7.7	7.6	7.7	37,777	292,681	7.7	38,207	291,140	7.6	39,142	288,261	7.4
Nevada	10.5	10.9	11.2	11.1	27,830	296,621	10.7	29,132	311,061	10.7	30,247	325,610	10.8
New Hampshire	8.5	8.5	8.4	8.3	24,778	201,629	8.1	25,574	204,713	8.0	27,129	206,783	7.6
New Jersey	7.2	7.3	7.3	7.5	166,796	1,250,276	7.5	171,196	1,268,996	7.4	178,053	1,289,256	7.2
New Mexico	8.8	8.4	8.2	8.2	40,579	331,673	8.2	41,125	328,753	8.0	43,184	324,495	7.5
New York	7.7	7.8	7.9	7.8	374,182	2,861,823	7.6	376,189	2,877,143	7.6	408,977	2,887,776	7.1
North Carolina	8.5	[3]8.4	[3]8.4	[3]8.3	[3]149,264	1,236,083	[3]8.3	152,899	1,254,821	8.2	156,696	1,275,925	8.0
North Dakota	8.6	8.6	8.6	8.3	14,862	118,572	8.0	14,765	114,927	7.8	15,132	112,751	7.5
Ohio	9.0	9.1	9.4	9.4	203,086	1,847,114	9.1	209,668	1,842,163	8.8	213,484	1,836,554	8.6
Oklahoma	8.3	[3]7.8	[3]7.4	[3]9.1	69,294	623,681	9.0	70,752	628,492	8.9	73,831	627,032	8.5
Oregon	10.3	10.4	10.3	10.3	53,094	541,346	10.2	53,781	542,809	10.1	55,610	545,033	9.8
Pennsylvania	9.1	9.1	9.0	9.0	205,642	1,815,151	8.8	209,862	1,816,414	8.7	216,725	1,816,716	8.4
Rhode Island	9.4	9.6	9.1	9.0	17,197	153,321	8.9	17,832	154,785	8.7	17,927	156,454	8.7
South Carolina	[3]9.0	[3]8.7	[3]8.6	[3]8.5	[3]79,219	[3]659,273	[3]8.3	[3]81,479	[3]664,600	[3]8.2	[3]85,494	666,780	[3]7.8
South Dakota	8.3	[3]8.0	[3]8.0	7.9	16,846	142,443	8.5	16,525	132,495	8.0	17,437	131,037	7.5
Tennessee	[3]9.4	[3]9.2	[3]9.0	[3]8.9	102,349	[3]893,044	[3]8.7	110,068	[3]905,454	[3]8.2	112,477	[3]916,202	[3]8.1
Texas	8.3	8.2	8.1	8.0	492,932	3,891,877	7.9	506,134	3,945,367	7.8	523,948	3,991,783	7.6
Utah	13.4	13.1	12.8	12.9	39,630	482,957	12.2	39,198	481,176	12.3	40,235	480,255	11.9
Vermont	[3]6.9	6.8	6.7	6.8	16,388	105,984	6.5	16,817	105,120	6.3	17,408	104,559	6.0
Virginia	8.0	[3]7.9	[3]7.9	[3]7.9	[3]142,743	1,110,815	[3]7.8	142,544	1,124,022	7.9	[3]145,522	1,133,994	[3]7.8
Washington	10.4	[3]10.4	[3]10.5	[3]10.8	92,338	991,235	10.7	93,750	998,053	10.6	96,033	1,003,714	10.5
West Virginia	8.2	8.1	7.9	8.0	38,499	301,419	7.8	38,655	297,530	7.7	38,709	291,811	7.5
Wisconsin	9.5	8.5	9.1	8.8	[3]102,362	881,780	[3]8.6	109,266	879,542	8.0	109,951	877,753	8.0
Wyoming	7.8	7.7	7.6	7.4	13,581	97,115	7.2	13,798	95,241	6.9	13,931	92,105	6.6
Bureau of Indian Affairs	—	—	—	—	—	—	—	—	—	—	—	—	—
Department of Defense dependents schools[4]	—	—	—	10.0	7,840	78,254	10.0	7,782	78,170	10.0	11,588	107,585	9.3
Outlying areas													
American Samoa	10.8	10.8	10.3	10.0	1,499	15,214	10.1	1,524	15,372	10.1	1,613	15,477	9.6
Guam	8.1	6.8	8.8	10.2	2,925	32,444	11.1	3,073	32,222	10.5	3,685	32,951	8.9
Northern Marianas	7.4	8.0	8.4	8.6	1,085	9,246	8.5	1,041	9,498	9.1	956	9,732	10.2
Puerto Rico	9.3	[5]9.0	[5]9.0	[5]8.7	69,368	617,157	8.9	68,999	613,862	8.9	71,891	613,019	8.5
Virgin Islands	6.8	[5]7.2	[5]6.6	[5]7.0	3,153	22,136	7.0	3,055	20,976	6.9	2,964	20,866	7.0

—Not available.

[1] Data revised from previously published data.

[2] U.S. totals include imputations for underreporting and nonreporting states.

[3] Includes imputations for underreporting.

[4] Includes overseas schools only through 1998. Data for 1999 includes both overseas and domestic schools.

[5] Support staff underreported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and unpublished estimates. (This table was prepared February 2001.)

Table 87.—Principals in public and private elementary and secondary schools, by selected characteristics: 1993–94

Selected characteristics	Total[1]	Percent of principals, by highest degree earned[2]				Average years of experience		Average annual salary of principals, by length of school year[3]			
		Bachelor's	Master's	Education specialist	Doctor's and first-professional	As a principal	Prior teaching experience	Total	10 months or less	11 months	12 months
1	2	3	4	5	6	7	8	9	10	11	12
	Public schools										
Total	**79,618**	**1.4**	**63.4**	**25.8**	**9.3**	**8.7**	**11.0**	**$54,858**	**$50,103**	**$53,117**	**$58,399**
Men	52,114	1.1	65.1	24.7	9.1	10.3	10.0	54,922	49,545	52,946	58,492
Women	27,505	2.0	60.2	27.9	9.8	5.6	13.0	54,736	50,908	53,439	58,195
Race/ethnicity											
White, non-Hispanic	67,081	1.5	62.8	26.5	9.2	9.0	10.8	54,466	48,797	52,893	58,311
Black, non-Hispanic	8,018	0.0	64.3	23.7	11.9	7.1	12.7	57,669	58,346	54,061	58,836
Hispanic	3,269	2.7	74.5	17.3	5.5	6.3	11.3	55,862	50,035	54,898	59,597
Asian or Pacific Islander	620	6.7	50.9	25.4	17.0	5.6	11.7	59,447	56,916	(4)	(4)
American Indian or Alaskan Native	631	1.1	65.8	24.8	8.2	8.2	9.9	51,117	46,401	49,121	55,337
Age											
Under 40	5,936	4.5	71.2	18.9	5.3	2.8	7.8	46,542	41,817	46,877	49,779
40 to 44	14,571	1.6	65.4	26.2	6.7	5.0	10.3	52,038	48,033	49,581	55,443
45 to 49	25,427	0.9	59.8	30.0	9.3	7.1	11.4	55,423	50,663	53,705	58,872
50 to 54	18,868	1.0	63.9	24.9	10.3	10.3	11.8	56,559	52,464	54,279	59,643
55 or over	14,817	1.4	63.8	22.4	12.4	15.1	11.6	57,826	52,414	56,355	62,148
Type of school											
Elementary	53,684	1.5	64.1	25.7	8.6	8.9	11.2	54,161	50,306	52,930	57,620
Secondary	18,262	1.2	63.1	25.4	10.3	8.0	10.6	56,601	47,100	53,982	60,204
Combined	2,747	2.6	60.2	27.8	9.4	7.5	10.9	52,825	50,729	51,879	54,040
	Private schools										
Total	**25,015**	**25.9**	**51.6**	**8.2**	**5.9**	**8.8**	**9.4**	**$32,075**	**$21,994**	**$32,215**	**$35,295**
Men	11,606	23.1	49.6	6.8	9.2	9.0	7.6	35,597	21,144	41,663	38,350
Women	13,410	28.3	53.3	9.4	3.0	8.6	11.1	29,185	22,537	27,818	32,231
Race/ethnicity											
White, non-Hispanic	23,133	25.6	52.1	8.1	5.8	8.7	9.5	31,969	21,289	32,071	35,283
Black, non-Hispanic	1,060	26.5	43.6	11.0	4.6	8.3	7.4	34,383	(4)	(4)	35,801
Hispanic	524	34.5	44.0	9.2	12.1	10.1	12.1	31,350	(4)	(4)	(4)
Age											
Under 40	4,794	38.1	36.6	8.2	1.4	3.5	5.0	26,308	17,903	33,527	29,420
40 to 44	4,403	35.9	45.5	8.5	5.3	5.3	7.9	30,486	20,004	30,127	33,044
45 to 49	5,144	22.2	59.0	8.1	5.5	8.3	9.9	34,641	23,945	31,812	38,932
50 to 54	4,120	15.1	59.1	7.7	11.0	9.6	11.1	37,727	27,338	35,421	40,097
55 or over	6,553	20.0	56.0	8.3	6.8	14.8	12.4	31,781	23,679	31,308	35,144
Type of school											
Elementary	13,354	26.1	54.2	8.0	4.7	9.4	10.4	28,779	23,427	30,050	30,687
Secondary	2,304	6.0	67.4	14.0	12.4	7.8	10.5	43,683	(4)	40,018	45,195
Combined	6,772	29.4	44.2	6.6	5.5	8.0	7.5	33,634	17,957	39,884	37,490

[1] Total differs from data appearing in other tables because of varying survey processing procedures and time period coverages.

[2] Percentages for those with less than a bachelor's degree are not shown.

[3] Excludes principals reporting a salary of $0. About 7.4 percent of private school principals had $0 salary. If these principals are included in the average annual salary calculations, the average for all private school principals is $29,714.

[4] Too few cases for reliable estimate.

NOTE: Detail may not sum to totals due to rounding and survey item nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared November 1996, new data forthcoming in 2002.)

Table 88.—Public elementary and secondary students, schools, pupil/teacher ratios, and finances, by type of locale: 1998 and 1999

Characteristic	Total	Central city of large MSA [1]	Central city of midsize MSA [2]	Urban fringe of large MSA [3]	Urban fringe of midsize MSA [4]	Large town [5]	Small town [6]	Rural outside an MSA [7]	Rural within an MSA [8]
1	2	3	4	5	6	7	8	9	10
	Schools, enrollment, and teachers, 1999–2000								
Enrollment, in thousands	46,689	7,423	6,616	14,692	4,555	626	4,747	4,323	3,707
Schools	92,012	11,662	11,911	22,854	8,267	1,330	11,847	16,159	7,980
Average school size [9]	521	680	567	655	566	485	413	273	471
Pupil/teacher ratio [10]	16.6	17.4	16.4	17.5	16.7	16.2	15.7	14.6	15.9
Enrollment (percent distribution)	100.0	15.9	14.2	31.5	9.8	1.3	10.2	9.3	7.9
Schools (percent distribution)	100.0	12.7	12.9	24.8	9.0	1.4	12.9	17.6	8.7
	Revenues and expenditures, 1997–98 (in millions)								
Total revenue	$328,155	$55,429	$45,726	$107,576	$29,791	$3,921	$30,682	$29,519	$25,511
Federal	21,238	5,330	3,529	4,664	1,675	295	2,326	2,401	1,018
Impact aid	805	51	92	169	69	7	92	297	28
Bilingual education	62	27	7	9	3	1	5	9	2
Indian education	52	5	5	4	2	2	11	21	2
Children with disabilites	2,554	504	385	753	223	39	265	219	167
Eisenhower science awards	205	52	34	50	15	3	22	18	10
Drug Free schools	337	82	55	95	25	5	31	25	18
Chapter 2 (block grants)	264	60	45	62	20	5	29	27	16
Vocational education	536	152	87	103	44	8	63	53	26
Title I	6,948	2,036	1,230	1,236	490	97	796	757	306
Other and unclassified	9,476	2,361	1,590	2,183	783	129	1,012	975	444
State	156,580	26,029	23,763	44,791	14,562	2,106	16,577	16,289	12,464
State school-lunch programs	358	64	47	107	37	4	38	34	27
Local	150,337	24,070	18,435	58,121	13,553	1,521	11,779	10,829	12,029
Property tax [11]	93,951	12,926	10,567	39,044	8,638	966	7,758	6,775	7,276
Parent government contribution [11]	24,333	6,515	3,671	8,225	1,955	144	854	1,136	1,832
Lunch sales	4,761	449	606	1,645	512	63	513	485	488
Transportation	52	2	6	29	4	1	4	3	3
Other	27,240	4,177	3,584	9,177	2,444	347	2,650	2,430	2,429
Total revenue (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Federal	6.5	9.6	7.7	4.3	5.6	7.5	7.6	8.1	4.0
State	47.7	47.0	52.0	41.6	48.9	53.7	54.0	55.2	48.9
Local	45.8	43.4	40.3	54.0	45.5	38.8	38.4	36.7	47.2
Total expenditures	$332,839	$56,879	$45,795	$109,073	$30,277	$3,943	$31,084	$29,424	$26,364
Current expenditures for schools	279,835	48,032	39,521	91,066	25,117	3,421	26,396	24,895	21,386
Instruction	173,418	29,849	24,525	56,204	15,657	2,131	16,462	15,315	13,275
Operation and maintenance	26,534	4,802	3,705	8,714	2,328	332	2,431	2,279	1,944
Food service	11,512	2,002	1,685	3,111	1,089	156	1,304	1,290	876
Other	68,372	11,379	9,606	23,038	6,044	802	6,200	6,011	5,292
Other current expenditures	9,921	2,097	1,090	3,234	788	89	862	968	793
Interest on school debt	7,394	1,164	877	2,661	715	71	605	504	798
Capital outlay	35,688	5,586	4,307	12,112	3,658	362	3,220	3,057	3,387
Current expenditures (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Instruction	62.0	62.1	62.1	61.7	62.3	62.3	62.4	61.5	62.1
Operation and maintenance	9.5	10.0	9.4	9.6	9.3	9.7	9.2	9.2	9.1
Food service	4.1	4.2	4.3	3.4	4.3	4.5	4.9	5.2	4.1
Other	24.4	23.7	24.3	25.3	24.1	23.5	23.5	24.1	24.7
Current expenditure per student	$6,123	$6,574	$6,076	$6,439	$5,661	$5,453	$5,547	$5,719	$5,993
Instruction expenditure per student	3,795	4,085	3,770	3,974	3,529	3,396	3,459	3,518	3,720

[1] Central city of metropolitan statistical area (MSA) with population of 400,000 or more or a population density of 6,000 or more persons per square mile.

[2] Central city of an MSA but not designated as a large central city.

[3] Place within the MSA of a large central city.

[4] Place within the MSA of a midsize central city.

[5] Place not within an MSA but with population of 25,000 or more and defined as urban.

[6] Place not within an MSA with a population of at least 2,500, but less than 25,000.

[7] Place with a population of less than 2,500 outside an MSA.

[8] Place with a population of less than 2,500 within an MSA.

[9] Average for schools reporting enrollment.

[10] Ratio for schools reporting both full-time-equivalent teachers and fall enrollment data.

[11] Property tax and parent government contributions are determined on the basis of independence or dependence of the local school system and are mutually exclusive.

NOTE: The enrollment of schools within a school district was used to determine the locale classification of a district. The predominant locale of enrollment within a district was used for the entire district. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and U.S. Department of Commerce, Bureau of the Census, *Survey of Local Government Finances*, unpublished data. (This table was prepared October 2001.)

Table 89.—Public school districts and public and private elementary and secondary schools: 1869–70 to 1999–2000

School year	Regular public school districts[1]	Public schools[2]					Private schools[2,3]		
		Total, all schools[4]	Total, schools with reported grade spans[5]	Schools with elementary grades		Schools with secondary grades	Total[4]	Schools with elementary grades	Schools with secondary grades
				Total	One-teacher				
1	2	3	4	5	6	7	8	9	10
1869–70	—	116,312	—	—	—	—	—	—	—
1879–80	—	178,122	—	—	—	—	—	—	—
1889–90	—	224,526	—	—	—	—	—	—	—
1899–1900	—	248,279	—	—	—	—	—	—	—
1909–10	—	265,474	—	—	—	—	—	—	—
1919–20	—	271,319	—	—	—	—	—	—	—
1929–30	—	247,289	—	238,306	149,282	23,930	—	9,275	3,258
1937–38	119,001	—	—	221,660	121,178	25,467	—	9,992	3,327
1939–40	117,108	—	—	—	113,600	—	—	11,306	3,568
1945–46	101,382	—	—	160,227	86,563	24,314	—	9,863	3,294
1947–48	94,926	—	—	146,760	75,096	25,484	—	10,071	3,292
1949–50	83,718	—	—	128,225	59,652	24,542	—	10,375	3,331
1951–52	71,094	—	—	123,763	50,742	23,746	—	10,666	3,322
1953–54	63,057	—	—	110,875	42,865	25,637	—	11,739	3,913
1955–56	54,859	—	—	104,427	34,964	26,046	—	12,372	3,887
1957–58	47,594	—	—	95,446	25,341	25,507	—	13,065	3,994
1959–60	40,520	—	—	91,853	20,213	25,784	—	13,574	4,061
1961–62	35,676	—	—	81,910	13,333	25,350	—	14,762	4,129
1963–64	31,705	—	—	77,584	9,895	26,431	—	—	4,451
1965–66	26,983	—	—	73,216	6,491	26,597	17,849	15,340	4,606
1967–68	22,010	—	94,197	70,879	4,146	27,011	—	—	—
1970–71	17,995	—	89,372	65,800	1,815	25,352	—	14,372	3,770
1973–74	16,730	—	88,655	65,070	1,365	25,906	—	—	—
1975–76	16,376	88,597	87,034	63,242	1,166	25,330	—	—	—
1976–77	16,271	—	86,501	62,644	1,111	25,378	19,910	16,385	5,904
1978–79	16,014	—	84,816	61,982	1,056	24,504	19,489	16,097	5,766
1979–80	15,929	87,004	—	—	—	—	—	—	—
1980–81	15,912	85,982	83,688	61,069	921	24,362	20,764	16,792	5,678
1982–83	15,824	84,740	82,039	59,656	798	23,988	—	—	—
1983–84	15,747	84,178	81,418	59,082	838	23,947	[6]27,694	[6]20,872	[6]7,862
1984–85	—	84,007	81,147	58,827	825	23,916	—	—	—
1985–86	—	—	—	—	—	—	[6]25,616	[6]20,252	[6]7,387
1986–87	[7]15,713	83,455	82,190	60,784	763	23,389	—	—	—
1987–88	[7]15,577	83,248	81,416	59,754	729	23,841	[6]26,807	[6]22,959	[6]8,418
1988–89	[7]15,376	83,165	81,579	60,176	583	23,638	—	—	—
1989–90	[7]15,367	83,425	81,880	60,699	630	23,461	—	—	—
1990–91	[7]15,358	84,538	82,475	61,340	617	23,460	[6]24,690	[6]22,223	[6]8,989
1991–92	[7]15,173	84,578	82,506	61,739	569	23,248	[6]25,998	[6]23,523	[6]9,282
1992–93	[7]15,025	84,497	82,896	62,225	430	23,220	—	—	—
1993–94	[7]14,881	85,393	83,431	62,726	442	23,379	[6]26,093	[6]23,543	[6]10,555
1994–95	[7]14,772	86,221	84,476	63,572	458	23,668	—	—	—
1995–96	[7]14,766	87,125	84,958	63,961	474	23,793	27,686	25,153	10,942
1996–97	[7]14,841	88,223	86,092	64,785	487	24,287	—	—	—
1997–98	[7]14,805	89,508	87,541	65,859	476	24,802	27,402	24,915	10,779
1998–99	[7]14,891	90,874	89,259	67,183	463	25,797	—	—	—
1999–2000	[7]14,928	92,012	90,536	68,173	423	26,407	27,223	24,685	10,693

—Not available.

[1] Includes operating and nonoperating districts.

[2] Schools with both elementary and secondary programs are included under elementary schools and also under secondary schools.

[3] Data for most years are partly estimated.

[4] Includes regular schools and special schools not classified by grade span.

[5] Includes elementary, secondary, and combined elementary/secondary schools.

[6] These data are from sample surveys and should not be compared directly with the data for earlier years.

[7] Because of expanded survey coverage, data are not directly comparable with figures prior to 1986.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Statistics of Public Elementary and Secondary School Systems; Statistics of Nonpublic Elementary and Secondary Schools; Private Schools in American Education;* and Common Core of Data surveys. (This table was prepared October 2001.)

Table 90.—Public school districts and enrollment, by size of district: 1989–90 to 1999–2000

Enrollment size of district	Number of districts									1999–2000		
	1989–90	1990–91	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	Number of districts	Percent of districts	Percent of students
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**15,367**	**15,358**	**15,025**	**14,881**	**14,772**	**14,766**	**14,841**	**14,805**	**14,891**	**14,928**	**100.0**	**100.0**
25,000 or more	179	190	202	206	207	216	226	230	236	238	1.6	32.1
10,000 to 24,999	479	489	510	525	542	553	569	572	574	579	3.9	18.7
5,000 to 9,999	913	937	955	973	996	1,013	1,024	1,038	1,026	1,036	6.9	15.4
2,500 to 4,999	1,937	1,940	2,002	2,008	2,013	2,027	2,069	2,079	2,062	2,068	13.0	15.6
1,000 to 2,499	3,547	3,542	3,530	3,570	3,579	3,554	3,536	3,524	3,496	3,457	23.2	12.1
600 to 999	1,801	1,799	1,798	1,785	1,777	1,777	1,772	1,775	1,790	1,814	12.2	3.1
300 to 599	2,283	2,275	2,200	2,162	2,113	2,104	2,066	2,044	2,066	2,081	13.9	2.0
1 to 299	3,910	3,816	3,465	3,294	3,173	3,123	3,160	3,165	3,245	3,298	22.1	1.0
Size not reported	318	370	363	358	372	399	419	378	396	357	2.4	—

—Not available.

NOTE: Size not reported includes school districts reporting enrollment of 0. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared July 2001.)

Table 91.—Number of public elementary and secondary local education agencies, by state and type of agency: 1998–99 and 1999–2000

State or other area	Total agencies		Regular school districts, including supervisory union components		Regional education service agencies and supervisory union administrative centers		State-operated agencies		Federally operated agencies		Other agencies	
	1998–99	1999–2000	1998–99	1999–2000	1998–99	1999–2000	1998–99	1999–2000	1998–99	1999–2000	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**16,501**	**16,793**	**14,891**	**14,928**	**1,179**	**1,273**	**138**	**137**	**8**	**1**	**285**	**454**
Alabama	134	131	128	128	0	0	3	3	3	0	0	0
Alaska	55	55	53	53	0	0	2	2	0	0	0	0
Arizona	377	422	368	413	6	6	2	2	0	0	1	1
Arkansas	328	328	310	310	15	15	3	3	0	0	0	0
California	1,058	1,057	988	987	58	58	12	12	0	0	0	0
Colorado	199	198	176	176	23	22	0	0	0	0	0	0
Connecticut	195	195	166	166	6	6	4	4	0	0	19	19
Delaware	26	28	19	19	0	0	3	3	0	0	4	6
District of Columbia	1	28	1	1	0	0	0	0	0	0	0	27
Florida	73	73	67	67	0	0	1	1	0	0	5	5
Georgia	180	180	180	180	0	0	0	0	0	0	0	0
Hawaii	1	1	1	1	0	0	0	0	0	0	0	0
Idaho	115	114	114	113	0	0	1	1	0	0	0	0
Illinois	1,060	1,055	940	896	84	154	5	5	0	0	31	0
Indiana	328	328	295	295	29	29	3	3	0	0	1	1
Iowa	406	405	375	375	15	15	15	15	1	0	0	0
Kansas	304	304	304	304	0	0	0	0	0	0	0	0
Kentucky	176	176	176	176	0	0	0	0	0	0	0	0
Louisiana	76	82	70	75	0	0	6	7	0	0	0	0
Maine	325	326	282	283	39	39	4	4	0	0	0	0
Maryland	24	24	24	24	0	0	0	0	0	0	0	0
Massachusetts	472	477	351	351	85	85	1	1	0	0	35	40
Michigan	794	799	732	737	57	57	4	4	0	0	1	1
Minnesota	455	468	392	407	60	57	3	4	0	0	0	0
Mississippi	162	162	152	152	0	0	10	10	0	0	0	0
Missouri	531	531	525	525	0	0	2	2	0	0	4	4
Montana	538	534	459	455	77	77	2	2	0	0	0	0
Nebraska	720	709	604	593	111	111	5	5	0	0	0	0
Nevada	18	18	17	17	0	0	1	1	0	0	0	0
New Hampshire	249	257	179	179	70	78	0	0	0	0	0	0
New Jersey	620	662	608	604	12	12	0	0	0	0	0	46
New Mexico	89	89	89	89	0	0	0	0	0	0	0	0
New York	743	745	705	707	38	38	0	0	0	0	0	0
North Carolina	180	201	120	120	0	0	2	2	2	0	56	79
North Dakota	272	272	231	231	38	38	3	3	0	0	0	0
Ohio	779	806	675	708	78	73	3	3	0	0	23	22
Oklahoma	559	556	547	544	0	0	0	0	0	0	12	12
Oregon	221	221	197	197	21	21	2	2	1	1	0	0
Pennsylvania	648	666	501	501	101	101	15	15	0	0	31	49
Rhode Island	37	37	36	36	0	0	1	1	0	0	0	0
South Carolina	104	104	90	90	14	14	0	0	0	0	0	0
South Dakota	199	199	176	176	18	18	5	5	0	0	0	0
Tennessee	139	139	139	139	0	0	0	0	0	0	0	0
Texas	1,103	1,203	1,042	1,041	0	20	0	0	0	0	61	142
Utah	47	47	40	40	5	5	2	2	0	0	0	0
Vermont	349	348	287	287	61	60	1	1	0	0	0	0
Virginia	166	169	135	135	30	34	0	0	1	0	0	0
Washington	305	305	296	296	9	9	0	0	0	0	0	0
West Virginia	57	57	55	55	0	0	2	2	0	0	0	0
Wisconsin	445	445	426	426	16	16	3	3	0	0	0	0
Wyoming	59	57	48	48	3	5	7	4	0	0	1	0
Bureau of Indian Affairs schools	24	24	0	0	0	0	0	0	24	24	0	0
Department of Defense dependents schools:												
Domestic schools	—	17	—	0	—	0	—	0	—	17	—	0
Overseas schools	12	11	0	0	0	0	0	0	12	11	0	0
Outlying areas												
American Samoa	1	1	1	1	0	0	0	0	0	0	0	0
Guam	1	1	1	1	0	0	0	0	0	0	0	0
Northern Marianas	1	1	1	1	0	0	0	0	0	0	0	0
Puerto Rico	1	1	1	1	0	0	0	0	0	0	0	0
Virgin Islands	1	1	1	1	0	0	0	0	0	0	0	0

—Not available.

NOTE: New category for Bureau of Indian Affairs schools introduced in 1998. Data that had formerly been reported by some states under federally operated agencies are now reported under Bureau of Indian Affairs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared October 2001.)

Table 92.—Selected statistics on enrollment, teachers, graduates and dropouts in public school districts enrolling more than 15,000 students, by state: 1990, 1998, and 1999

Name of district, by state	State	Enrollment, fall 1990	Enrollment, fall 1998	Enrollment, fall 1999	Percentage distribution of enrollment, by race, fall 1999						Number of classroom teachers,[1] fall 1999	Pupil/teacher ratio, fall 1999	Total number of staff, fall 1999	Student/staff ratio, fall 1999	Percent dropouts from grades 9–12, 1998–99[2]					Number of high school graduates, 1998–99[3]	Number of schools, fall 1999
					White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12		
						Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Districts with more than 15,000 students	**—**	**16,552,027**	**19,275,813**	**19,483,584**	**43.6**	**56.4**	**25.9**	**23.7**	**6.1**	**0.7**	**1,126,392**	**17.3**	**2,132,381**	**9.1**	**—**	**—**	**—**	**—**	**—**	**—**	**27,869**
Baldwin County	AL	17,479	22,176	22,337	80.7	19.3	17.5	1.1	0.4	0.3	1,568	14.2	2,892	7.7	6.1	5.6	6.8	8.4	3.3	1,014	46
Birmingham City	AL	41,536	39,493	38,120	3.4	96.6	95.8	0.4	0.3	—	2,547	15.0	3,895	9.8	4.0	4.1	5.7	3.7	1.7	1,685	95
Huntsville City	AL	23,945	23,559	23,100	54.0	46.0	41.5	1.7	2.5	0.4	1,697	13.6	2,930	7.9	2.6	2.4	3.0	3.0	1.9	1,221	48
Jefferson County	AL	40,664	41,892	41,310	77.3	22.7	21.7	0.6	0.4	—	2,731	15.1	4,905	8.4	4.5	3.2	5.0	5.8	4.2	2,527	63
Madison County	AL	13,861	14,977	15,466	81.6	18.4	12.7	1.0	0.6	4.1	915	16.9	1,746	8.9	5.0	3.8	4.9	7.6	4.1	709	23
Mobile County	AL	67,203	65,324	65,067	47.5	52.5	49.9	0.5	1.7	0.4	4,089	15.9	7,636	8.5	4.5	5.6	4.8	3.1	3.9	3,101	105
Montgomery County	AL	35,956	33,994	33,229	25.3	74.7	72.9	0.6	1.0	0.1	2,125	15.6	4,011	8.3	4.0	1.8	5.1	5.6	4.1	1,518	60
Shelby County	AL	16,089	19,211	19,689	85.9	14.1	11.8	1.3	0.9	0.1	1,348	14.6	2,498	7.9	3.6	2.7	3.5	3.8	4.6	1,026	31
Tuscaloosa County	AL	14,426	15,768	15,589	75.0	25.0	24.0	0.6	0.4	0.1	1,032	15.1	1,893	8.2	4.3	4.5	5.0	5.2	2.1	821	27
Anchorage	AK	42,300	49,587	49,382	64.7	35.3	8.7	5.4	9.1	12.1	2,764	17.9	5,544	8.9	2.5	1.4	1.9	3.5	3.4	2,609	93
Fairbanks North Star Borough	AK	14,961	16,226	15,999	72.7	27.3	8.0	3.3	2.9	13.1	896	17.9	1,721	9.3	11.1	12.1	12.2	10.6	8.0	777	33
Amphitheater Unified	AZ	13,835	16,428	16,552	65.3	34.7	3.3	26.4	2.8	2.1	862	19.2	1,831	9.0	6.5	9.0	7.4	4.9	3.7	953	19
Cartwright Elementary	AZ	14,369	17,746	18,337	20.6	79.4	9.4	67.6	0.8	1.5	876	20.9	1,956	9.4	—	—	—	—	—	—	20
Chandler Unified	AZ	11,038	19,166	18,690	60.0	40.0	4.9	30.6	3.0	1.5	1,045	17.9	1,966	9.5	4.6	5.0	4.3	4.8	4.2	822	23
Deer Valley Unified	AZ	15,898	24,429	25,467	85.1	14.9	2.4	9.2	2.4	0.8	1,310	19.4	2,420	10.5	3.2	1.7	3.1	3.8	4.7	1,248	26
Gilbert Unified	AZ	10,863	24,732	26,483	82.5	17.5	2.6	11.4	2.8	0.6	1,515	17.5	2,728	9.7	0.4	0.7	0.8	0.0	0.0	—	27
Kyrene Elementary	AZ	10,487	19,526	19,512	76.5	23.5	4.6	11.3	6.3	1.4	1,048	18.6	1,842	10.6	—	—	—	—	—	—	24
Mesa Unified	AZ	62,470	71,284	71,894	69.9	30.1	3.2	21.2	2.0	3.7	3,556	20.2	7,143	10.1	4.6	3.2	5.1	4.8	5.4	3,888	86
Paradise Valley Unified	AZ	26,698	34,956	34,625	82.8	17.2	2.3	11.6	2.4	0.9	1,778	19.5	3,101	11.2	3.9	1.4	3.5	4.5	6.5	2,086	44
Peoria Unified	AZ	20,846	31,316	31,063	75.2	24.8	4.0	17.3	2.7	0.8	1,629	19.1	3,031	10.2	3.6	2.8	3.3	4.9	3.5	1,729	33
Phoenix Union High	AZ	18,182	21,534	21,726	20.1	79.9	11.5	62.9	2.1	3.4	1,209	18.0	2,458	8.8	11.3	7.8	11.3	12.9	14.6	3,282	13
Scottsdale Unified	AZ	19,741	26,796	26,767	85.3	14.7	2.0	9.1	2.6	1.0	1,526	17.5	2,601	10.3	0.4	0.1	0.4	0.7	0.7	590	31
Tucson Unified	AZ	56,177	62,670	62,548	43.0	57.0	6.7	43.9	2.5	3.9	3,352	18.7	7,057	8.9	—	—	—	—	—	—	120
Washington Elementary	AZ	22,446	25,099	24,557	63.2	36.8	5.6	25.6	3.0	2.8	1,376	17.8	2,562	9.6	—	—	—	—	—	—	32
Little Rock	AR	25,813	24,441	25,308	28.0	72.0	68.1	2.3	1.4	0.1	1,655	15.3	3,432	7.4	2.9	1.4	4.9	2.8	2.2	1,414	53
Pulaski County Special	AR	21,495	19,437	19,045	64.3	35.7	33.8	1.2	0.6	0.2	1,130	16.9	2,535	7.5	19.2	18.8	24.3	16.9	16.6	975	37
ABC Unified	CA	20,972	22,206	22,201	15.0	85.0	10.1	34.2	40.3	0.3	1,050	21.1	1,952	11.4	—	—	—	—	—	1,634	30
Alum Rock Union Elementary	CA	16,078	16,244	15,886	6.2	93.8	2.5	70.7	20.4	0.2	720	22.1	1,288	12.3	—	—	—	—	—	—	25
Alvord Unified	CA	14,853	17,147	17,295	35.6	64.4	6.3	51.9	5.8	0.4	753	23.0	1,284	13.5	—	—	—	—	—	788	18
Anaheim Elementary	CA	14,972	20,927	21,820	11.5	88.5	2.2	79.8	6.4	0.2	968	22.5	1,672	13.0	—	—	—	—	—	—	23
Anaheim Union High	CA	23,086	27,712	28,543	29.8	70.2	3.6	50.4	15.7	0.5	1,153	24.8	2,164	13.2	—	—	—	—	—	3,104	21
Antelope Valley Union High	CA	10,937	17,103	17,646	49.8	50.2	15.4	29.6	4.4	0.7	713	24.7	1,276	13.8	—	—	—	—	—	2,678	8
Antioch Unified	CA	13,045	18,522	19,261	53.9	46.1	13.0	22.7	9.1	1.2	915	21.1	1,485	13.0	—	—	—	—	—	1,074	20
Bakersfield City Elementary	CA	24,911	27,176	27,488	20.6	79.4	13.9	62.1	2.0	1.3	1,441	19.1	2,487	11.1	—	—	—	—	—	—	42
Baldwin Park Unified	CA	15,878	16,951	17,051	3.6	96.4	1.6	87.3	7.0	0.3	728	23.4	1,327	12.9	—	—	—	—	—	736	21
Burbank Unified	CA	12,057	14,887	15,373	52.4	47.6	2.2	37.1	8.3	0.1	728	21.1	1,359	11.3	—	—	—	—	—	873	20
Cajon Valley Union Elementary	CA	17,328	19,294	19,211	65.4	34.6	6.6	23.6	3.1	1.3	897	21.4	1,563	12.3	—	—	—	—	—	—	26
Capistrano Unified	CA	26,852	42,196	43,648	74.1	25.9	1.5	17.6	6.4	0.4	1,992	21.9	3,352	13.0	—	—	—	—	—	2,265	39
Chaffey Union High	CA	13,505	18,615	19,339	36.2	63.8	9.8	47.3	6.4	0.4	800	24.2	1,428	13.5	—	—	—	—	—	3,378	9
Chino Unified	CA	23,257	31,084	31,545	43.8	56.2	5.2	40.7	10.1	0.2	1,390	22.7	2,347	13.4	—	—	—	—	—	1,706	30
Chula Vista Elementary	CA	17,604	21,338	22,165	21.9	78.1	5.0	61.1	11.3	0.7	1,122	19.8	1,928	11.5	—	—	—	—	—	—	37
Clovis Unified	CA	23,224	31,487	31,933	62.1	37.9	3.0	19.9	13.6	1.4	1,441	22.2	2,847	11.2	—	—	—	—	—	1,990	35
Colton Joint Unified	CA	16,415	20,851	21,708	21.0	79.0	9.1	65.8	3.5	0.7	996	21.8	1,745	12.4	—	—	—	—	—	782	25
Compton Unified	CA	27,585	29,409	30,775	0.3	99.7	33.7	64.9	1.0	0.1	1,279	24.1	2,698	11.4	—	—	—	—	—	848	39
Conejo Valley Unified	CA	17,209	19,852	20,501	76.1	23.9	1.4	15.2	6.7	0.6	916	22.4	1,614	12.7	—	—	—	—	—	1,257	28
Corona-Norco Unified	CA	23,036	33,168	35,148	46.0	54.0	5.8	42.1	5.5	0.6	1,642	21.4	2,735	12.9	—	—	—	—	—	1,863	37
Cupertino Union Elementary	CA	12,227	15,228	15,444	47.1	52.9	1.2	3.9	47.6	0.1	701	22.0	1,129	13.7	—	—	—	—	—	—	24
Desert Sands Unified	CA	16,058	22,037	22,815	33.3	66.7	2.2	62.3	1.9	0.4	996	22.9	1,765	12.9	—	—	—	—	—	1,244	24
Downey Unified	CA	15,418	20,439	21,081	19.6	80.4	4.2	68.7	6.8	0.6	879	24.0	1,540	13.7	—	—	—	—	—	1,184	22
East Side Union High	CA	21,973	24,259	24,577	16.9	83.1	5.0	39.6	37.9	0.6	1,115	22.0	1,965	12.5	—	—	—	—	—	4,278	16
Elk Grove Unified	CA	27,246	42,484	45,094	39.5	60.5	19.7	16.9	22.6	1.4	2,098	21.5	3,846	11.7	—	—	—	—	—	2,184	50
Escondido Union Elementary	CA	14,663	18,255	18,700	40.4	59.6	2.8	52.5	3.7	0.6	914	20.5	1,661	11.3	—	—	—	—	—	—	20
Fairfield-Suisun Unified	CA	20,227	21,708	21,914	41.9	58.1	21.9	20.2	15.1	0.9	1,069	20.5	1,657	13.2	—	—	—	—	—	1,015	26

Table 92.—Selected statistics on enrollment, teachers, graduates and dropouts in public school districts enrolling more than 15,000 students, by state: 1990, 1998, and 1999—Continued

Name of district, by state	State	Enrollment, fall 1990	Enrollment, fall 1998	Enrollment, fall 1999	Percentage distribution of enrollment, by race, fall 1999						Number of classroom teachers,[1] fall 1999	Pupil/teacher ratio, fall 1999	Total number of staff, fall 1999	Student/staff ratio, fall 1999	Percent dropouts from grades 9–12, 1998–99[2]					Number of high school graduates, 1998–99[3]	Number of schools, fall 1999
					White	Minority															
						Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native					Total	Grade 9	Grade 10	Grade 11	Grade 12		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Folsom-Cordova Unified	CA	12,656	14,823	15,620	72.5	27.5	9.6	9.3	8.2	0.5	726	21.5	1,319	11.8	—	—	—	—	—	858	25
Fontana Unified	CA	27,043	34,339	35,644	15.6	84.4	10.5	71.3	2.1	0.5	1,609	22.2	2,677	13.3	—	—	—	—	—	1,575	35
Fremont Unified	CA	27,172	30,919	31,160	42.3	57.7	4.4	14.2	38.5	0.6	1,406	22.2	2,295	13.6	—	—	—	—	—	1,769	43
Fresno Unified	CA	71,500	78,942	78,766	21.0	79.0	11.3	47.9	18.9	0.8	3,847	20.5	7,196	10.9	—	—	—	—	—	3,302	95
Garden Grove Unified	CA	37,969	46,916	48,031	20.6	79.4	1.3	47.5	30.3	0.3	2,056	23.4	3,931	12.2	—	—	—	—	—	2,562	65
Glendale Unified	CA	25,459	30,312	30,374	57.0	43.0	1.3	24.6	17.0	0.2	1,373	22.1	2,648	11.5	—	—	—	—	—	1,921	32
Grossmont Union High	CA	18,647	23,234	23,452	67.9	32.1	6.8	18.2	5.3	1.8	973	24.1	2,303	10.2	—	—	—	—	—	4,286	13
Hacienda La Puente Unified	CA	23,267	22,824	25,161	11.1	88.9	3.3	67.5	17.6	0.5	1,036	24.3	1,934	13.0	—	—	—	—	—	1,348	37
Hayward Unified	CA	19,122	23,149	23,773	19.7	80.3	17.3	41.5	20.7	0.8	1,147	20.7	1,932	12.3	—	—	—	—	—	1,083	33
Hemet Unified	CA	12,811	16,335	16,811	63.5	36.5	3.4	30.3	1.8	1.0	774	21.7	1,300	12.9	—	—	—	—	—	833	20
Hesperia Unified	CA	13,113	15,204	15,204	58.7	41.3	6.0	33.0	1.5	0.8	670	22.7	1,228	12.4	—	—	—	—	—	881	19
Inglewood Unified	CA	16,355	17,057	17,126	0.4	99.6	41.3	57.4	0.9	—	730	23.5	1,239	13.8	—	—	—	—	—	584	18
Irvine Unified	CA	20,735	23,123	23,392	59.9	40.1	2.0	7.1	30.5	0.5	1,014	23.1	1,775	13.2	—	—	—	—	—	1,641	33
Jurupa Unified	CA	15,419	18,393	19,048	35.2	64.8	5.1	57.3	2.0	0.4	832	22.9	1,474	12.9	—	—	—	—	—	782	24
Kern Union High	CA	20,183	27,678	28,452	45.3	54.7	7.7	41.9	4.2	1.0	966	29.5	2,108	13.5	—	—	—	—	—	5,327	24
Lake Elsinore Unified	CA	11,000	15,764	16,556	58.5	41.5	4.0	32.8	3.0	1.6	703	23.5	1,350	12.3	—	—	—	—	—	781	19
Lodi Unified	CA	23,954	26,115	26,394	43.0	57.0	6.7	26.8	22.9	0.6	1,315	20.1	2,378	11.1	—	—	—	—	—	1,648	41
Long Beach Unified	CA	71,342	89,214	91,465	18.3	81.7	19.9	43.8	17.6	0.4	4,079	22.4	8,451	10.8	—	—	—	—	—	3,953	86
Los Angeles Unified	CA	625,086	695,885	710,007	10.2	89.8	13.2	69.9	6.4	0.3	33,754	21.0	63,576	11.2	—	—	—	—	—	26,968	655
Lynwood Unified	CA	15,469	16,860	17,520	0.4	99.6	11.8	84.4	3.3	0.1	749	23.4	1,507	11.6	—	—	—	—	—	670	14
Madera Unified	CA	13,728	16,431	15,681	22.7	77.3	3.3	72.6	1.3	0.1	714	22.0	1,388	11.3	—	—	—	—	—	732	19
Manteca Unified	CA	13,356	16,666	18,332	55.6	44.4	6.2	29.4	7.4	1.4	901	20.4	1,472	12.5	—	—	—	—	—	849	22
Modesto City Elementary	CA	17,405	18,528	18,725	36.0	64.0	5.8	47.7	9.3	1.2	829	22.6	1,467	12.8	—	—	—	—	—	—	27
Montebello Unified	CA	32,938	33,999	34,256	3.3	96.7	0.4	91.6	4.6	0.1	1,370	25.0	2,561	13.4	—	—	—	—	—	1,616	28
Moreno Valley Unified	CA	29,064	31,642	32,348	30.1	69.9	23.6	40.0	6.0	0.4	1,495	21.6	2,872	11.3	—	—	—	—	—	1,646	32
Mt. Diablo Unified	CA	32,840	36,122	36,436	63.9	36.1	4.8	19.0	11.8	0.4	1,663	21.9	2,907	12.5	—	—	—	—	—	2,045	54
Napa Valley Unified	CA	13,705	16,317	16,414	61.5	38.5	2.3	31.2	3.4	1.6	801	20.5	1,369	12.0	—	—	—	—	—	905	34
Newport-Mesa Unified	CA	16,434	20,716	21,364	56.6	43.4	1.0	36.3	5.8	0.3	1,037	20.6	1,845	11.6	—	—	—	—	—	1,082	30
Norwalk-La Mirada Unified	CA	19,179	22,592	23,140	21.6	78.4	4.8	65.3	8.0	0.3	1,030	22.5	2,495	9.3	—	—	—	—	—	1,026	29
Oakland Unified	CA	52,095	54,256	55,051	5.6	94.4	48.9	26.9	18.2	0.4	2,865	19.2	5,398	10.2	—	—	—	—	—	1,618	93
Oceanside City Unified	CA	17,034	21,537	22,215	33.1	66.9	13.3	44.4	8.6	0.7	989	22.5	1,796	12.4	—	—	—	—	—	806	26
Ontario-Montclair Elementary	CA	21,033	25,151	25,802	13.5	86.5	6.6	76.0	3.5	0.4	1,208	21.4	2,128	12.1	—	—	—	—	—	—	31
Orange Unified	CA	25,224	29,927	30,858	47.1	52.9	2.2	38.2	12.1	0.4	1,442	21.4	2,633	11.7	—	—	—	—	—	1,643	41
Oxnard Elementary	CA	12,212	15,386	15,769	12.1	87.9	3.8	80.7	3.1	0.3	706	22.4	1,243	12.7	—	—	—	—	—	—	19
Pajaro Valley Joint Unified	CA	16,355	19,400	19,767	22.9	77.1	0.5	73.9	2.4	0.3	1,012	19.5	1,929	10.2	—	—	—	—	—	855	30
Palm Springs Unified	CA	14,427	19,358	20,216	33.3	66.7	5.8	56.3	3.7	1.0	954	21.2	1,721	11.7	—	—	—	—	—	820	23
Palmdale Elementary	CA	13,199	19,402	20,038	32.9	67.1	19.5	43.4	3.4	0.8	879	22.8	1,433	14.0	—	—	—	—	—	—	22
Paramount Unified	CA	12,855	16,700	16,784	4.3	95.7	14.0	77.7	3.6	0.3	777	21.6	1,369	12.3	—	—	—	—	—	576	16
Pasadena Unified	CA	21,802	23,329	23,485	15.9	84.1	30.6	49.4	3.9	0.2	1,132	20.7	2,377	9.9	—	—	—	—	—	1,084	30
Placentia-Yorba Linda Unified	CA	21,438	25,443	25,772	61.8	38.2	1.7	27.5	8.7	0.2	1,173	22.0	2,010	12.8	—	—	—	—	—	1,467	30
Pomona Unified	CA	26,918	32,819	33,617	9.1	90.9	10.3	73.2	7.3	0.1	1,503	22.4	2,693	12.5	—	—	—	—	—	1,128	38
Poway Unified	CA	24,662	31,845	32,536	70.6	29.4	2.8	8.6	17.5	0.5	1,498	21.7	2,755	11.8	—	—	—	—	—	2,026	29
Redlands Unified	CA	16,002	18,781	19,006	48.6	51.4	8.3	31.6	10.4	1.1	844	22.5	1,455	13.1	—	—	—	—	—	1,186	21
Rialto Unified	CA	19,794	26,096	27,088	14.2	85.8	26.3	55.8	3.6	0.2	1,216	22.3	2,214	12.2	—	—	—	—	—	1,197	26
Riverside Unified	CA	31,326	36,713	37,597	43.2	56.8	10.4	41.3	4.6	0.6	1,690	22.2	3,237	11.6	—	—	—	—	—	2,004	44
Rowland Unified	CA	19,143	18,953	19,083	9.4	90.6	5.8	56.9	27.8	0.1	860	22.2	1,646	11.6	—	—	—	—	—	1,072	22
Sacramento City Unified	CA	49,557	51,378	51,898	25.5	74.5	21.8	25.3	26.1	1.3	2,440	21.3	4,367	11.9	—	—	—	—	—	2,346	77
Saddleback Valley Unified	CA	25,130	34,009	34,657	71.3	28.7	2.2	15.9	10.2	0.4	1,600	21.7	2,525	13.7	—	—	—	—	—	2,012	37
San Bernardino City Unified	CA	40,589	48,907	50,340	21.6	78.4	20.1	53.2	3.8	1.3	2,314	21.8	4,263	11.8	—	—	—	—	—	1,860	62
San Diego City Unified	CA	121,152	138,433	140,743	27.5	72.5	16.6	37.2	18.1	0.6	7,341	19.2	13,792	10.2	—	—	—	—	—	6,301	177
San Francisco Unified	CA	61,688	61,042	60,896	11.9	88.1	15.6	21.5	50.3	0.7	3,188	19.1	4,720	12.9	—	—	—	—	—	3,506	116
San Jose Unified	CA	29,630	32,843	33,035	30.3	69.7	3.3	50.0	14.7	1.6	1,474	22.4	2,421	13.6	—	—	—	—	—	1,686	53
San Juan Unified	CA	47,690	47,799	48,052	76.0	24.0	6.2	9.8	6.0	2.0	2,149	22.4	4,354	11.0	—	—	—	—	—	2,904	84
San Ramon Valley Unified	CA	16,119	19,822	20,216	80.8	19.2	1.8	4.1	12.6	0.7	934	21.6	1,687	12.0	—	—	—	—	—	1,381	27
Santa Ana Unified	CA	45,964	56,071	58,043	3.0	97.0	1.0	91.9	4.1	—	2,651	21.9	4,891	11.9	—	—	—	—	—	2,062	50
Simi Valley Unified	CA	18,262	20,123	20,604	71.8	28.2	1.6	18.1	7.3	1.2	911	22.6	1,649	12.5	—	—	—	—	—	1,196	28
Stockton City Unified	CA	32,687	36,124	36,771	14.8	85.2	13.9	44.4	24.1	2.8	1,792	20.5	3,366	10.9	—	—	—	—	—	1,216	44

Table 92.—Selected statistics on enrollment, teachers, graduates and dropouts in public school districts enrolling more than 15,000 students, by state: 1990, 1998, and 1999—Continued

Name of district, by state	State	Enrollment, fall 1990	Enrollment, fall 1998	Enrollment, fall 1999	Percentage distribution of enrollment, by race, fall 1999: White	Minority: Total	Minority: Black	Minority: Hispanic	Minority: Asian/ Pacific Islander	Minority: American Indian/ Alaskan Native	Number of classroom teachers,¹ fall 1999	Pupil/ teacher ratio, fall 1999	Total number of staff, fall 1999	Student/ staff ratio, fall 1999	Percent dropouts from grades 9–12, 1998–99²: Total	Grade 9	Grade 10	Grade 11	Grade 12	Number of high school graduates, 1998–99³	Number of schools, fall 1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Sweetwater Union High	CA	27,894	33,027	34,010	16.8	83.2	4.8	65.5	12.2	0.6	1,501	22.7	2,671	12.7	—	—	—	—	—	4,084	23
Temecula Valley Unified	CA	7,596	15,939	17,449	71.3	28.7	4.3	17.2	5.7	1.4	866	20.1	1,461	11.9	—	—	—	—	—	762	20
Torrance Unified	CA	19,645	23,433	23,809	47.1	52.9	3.7	16.2	32.3	0.7	1,148	20.7	1,937	12.3	—	—	—	—	—	1,750	30
Tustin Unified	CA	10,831	15,712	16,192	41.4	58.6	3.6	43.5	11.1	0.4	738	21.9	1,283	12.6	—	—	—	—	—	863	23
Vallejo City Unified	CA	19,049	20,271	20,424	19.7	80.3	35.5	17.6	26.4	0.8	931	21.9	1,772	11.5	—	—	—	—	—	1,053	28
Ventura Unified	CA	15,383	17,287	17,344	57.7	42.3	2.4	35.5	3.2	1.2	759	22.9	1,460	11.9	—	—	—	—	—	938	28
Visalia Unified	CA	21,309	24,273	23,902	44.4	55.6	2.3	45.7	6.8	0.9	1,192	20.0	1,800	13.3	—	—	—	—	—	1,406	33
Vista Unified	CA	18,489	26,469	28,173	47.5	52.5	5.9	40.3	5.5	0.8	1,222	23.0	2,201	12.8	—	—	—	—	—	1,373	27
West Contra Costa Unified	CA	31,292	33,898	34,214	18.0	82.0	33.6	29.7	18.4	0.2	1,694	20.2	3,029	11.3	—	—	—	—	—	1,703	59
William S. Hart Union High	CA	10,278	15,068	15,848	70.5	29.5	3.0	20.1	6.1	0.3	682	23.3	1,163	13.6	—	—	—	—	—	2,104	12
Academy 20	CO	10,986	15,821	16,775	87.5	12.5	3.4	4.8	3.1	1.1	971	17.3	1,774	9.5	—	—	—	—	—	999	27
Adams-Arapahoe	CO	25,897	29,027	29,639	44.1	55.9	23.8	26.4	4.8	0.9	1,553	19.1	3,296	9.0	—	—	—	—	—	1,113	47
Boulder Valley	CO	21,502	26,880	26,974	81.5	18.5	1.7	11.1	4.9	0.8	1,617	16.7	3,567	7.6	—	—	—	—	—	1,582	57
Cherry Creek	CO	29,210	40,089	41,052	78.7	21.3	8.7	6.5	5.7	0.4	2,385	17.2	4,271	9.6	—	—	—	—	—	2,514	49
Colorado Springs	CO	30,009	32,589	31,586	71.2	28.8	9.7	15.6	2.3	1.1	1,761	17.9	3,471	9.1	—	—	—	—	—	1,669	63
Denver County	CO	59,013	68,790	69,693	23.4	76.6	20.8	51.1	3.4	1.3	4,010	17.4	8,376	8.3	—	—	—	—	—	2,500	124
Douglas County	CO	13,125	29,847	32,446	91.1	8.9	1.3	4.4	2.7	0.5	1,851	17.5	3,592	9.0	—	—	—	—	—	1,385	50
Greeley	CO	11,657	14,584	15,335	56.3	43.7	1.1	40.8	1.2	0.6	874	17.5	1,546	9.9	—	—	—	—	—	573	30
Jefferson County	CO	76,275	88,654	88,579	83.7	16.3	1.3	11.0	3.2	0.8	4,323	20.5	9,252	9.6	—	—	—	—	—	5,027	158
Littleton	CO	15,524	16,399	16,373	89.5	10.5	1.3	6.0	2.3	0.8	947	17.3	1,890	8.7	—	—	—	—	—	1,084	25
Mesa County Valley	CO	17,024	19,146	19,324	84.5	15.5	0.8	12.8	0.9	1.0	1,090	17.7	2,104	9.2	—	—	—	—	—	1,035	39
Northglenn-Thornton	CO	20,838	27,955	28,947	71.4	28.6	2.2	20.8	4.2	1.4	1,499	19.3	2,971	9.7	—	—	—	—	—	1,495	45
Poudre	CO	18,589	23,178	23,434	83.6	16.4	1.5	11.0	2.8	1.1	1,281	18.3	2,550	9.2	—	—	—	—	—	1,314	45
Pueblo City	CO	18,364	17,789	17,564	41.6	58.4	2.2	53.9	0.7	1.7	990	17.7	1,736	10.1	—	—	—	—	—	971	36
St. Vrain Valley	CO	15,070	18,397	18,750	76.2	23.8	0.6	20.1	2.0	1.0	946	19.8	1,827	10.3	—	—	—	—	—	1,043	33
Bridgeport	CT	19,687	22,221	22,310	12.4	87.6	42.0	42.5	2.9	0.1	1,479	15.1	2,811	7.9	8.4	9.3	10.2	7.0	5.2	713	37
Hartford	CT	25,418	22,466	22,538	4.7	95.3	41.4	53.1	0.8	0.1	1,703	13.2	3,270	6.9	12.1	16.8	10.1	8.4	6.2	597	36
New Haven	CT	17,881	19,336	19,293	11.8	88.2	57.2	28.4	2.6	—	1,414	13.6	3,013	6.4	7.7	6.2	9.4	8.9	6.2	654	49
Waterbury	CT	13,323	15,348	15,782	35.6	64.4	25.9	36.5	1.6	0.4	1,135	13.9	1,975	8.0	4.5	6.0	3.4	3.8	3.5	501	27
Christina	DE	17,872	20,352	20,445	55.6	44.4	34.7	6.4	3.2	0.1	1,289	15.9	2,178	9.4	6.2	6.4	8.9	5.6	2.6	898	27
Red Clay Consolidated	DE	14,551	15,927	15,729	54.1	45.9	30.3	12.1	3.3	0.1	945	16.6	1,740	9.0	4.6	4.8	5.3	5.9	1.9	713	26
District of Columbia	DC	80,694	71,889	70,762	4.4	95.6	85.2	8.7	1.6	—	4,779	14.8	9,453	7.5	8.2	8.7	10.9	7.6	3.8	2,675	162
Alachua County	FL	26,305	29,674	29,922	55.3	44.7	38.3	3.9	2.3	0.2	1,680	17.8	3,978	7.5	—	—	—	—	—	1,475	60
Bay County	FL	21,827	25,936	25,812	80.6	19.4	15.6	1.4	2.0	0.3	1,450	17.8	3,060	8.4	—	—	—	—	—	1,149	40
Brevard County	FL	56,503	68,681	69,661	79.5	20.5	14.3	4.2	1.7	0.3	3,765	18.5	7,267	9.6	—	—	—	—	—	3,285	103
Broward County	FL	161,101	231,187	241,094	43.0	57.0	36.3	17.7	2.7	0.3	11,322	21.3	22,243	10.8	—	—	—	—	—	9,562	234
Charlotte County	FL	13,030	16,557	16,753	86.7	13.3	8.0	3.8	1.4	0.2	816	20.5	1,957	8.6	—	—	—	—	—	931	25
Clay County	FL	21,925	27,342	27,609	85.1	14.9	9.3	3.4	2.0	0.2	1,559	17.7	3,149	8.8	—	—	—	—	—	1,315	29
Collier County	FL	20,850	30,790	32,306	59.1	40.9	11.5	28.2	0.7	0.5	1,763	18.3	4,015	8.0	—	—	—	—	—	1,324	48
Dade County	FL	292,023	352,536	360,136	11.9	88.1	32.3	54.4	1.3	0.1	18,104	19.9	35,029	10.3	—	—	—	—	—	14,179	350
Duval County	FL	111,142	127,411	126,362	50.9	49.1	42.8	3.4	2.7	0.1	6,423	19.7	11,504	11.0	—	—	—	—	—	4,684	177
Escambia County	FL	42,950	45,667	45,297	58.6	41.4	36.4	1.6	2.7	0.7	2,612	17.3	5,595	8.1	—	—	—	—	—	2,082	82
Hernando County	FL	12,831	16,421	16,809	85.9	14.1	7.8	5.4	0.8	0.1	907	18.5	2,266	7.4	—	—	—	—	—	814	22
Hillsborough County	FL	124,337	156,452	159,517	53.1	46.9	24.2	20.3	2.2	0.3	9,610	16.6	19,387	8.2	—	—	—	—	—	6,766	203
Lake County	FL	21,065	27,817	28,548	74.9	25.1	16.7	7.3	0.9	0.2	1,574	18.1	3,431	8.3	—	—	—	—	—	1,301	48
Lee County	FL	43,240	54,779	56,109	68.3	31.7	15.9	14.5	1.1	0.3	3,021	18.6	6,128	9.2	—	—	—	—	—	2,541	75
Leon County	FL	27,241	31,614	31,123	57.3	42.7	39.0	1.9	1.7	0.1	1,833	17.0	4,188	7.4	—	—	—	—	—	1,535	56
Manatee County	FL	26,207	34,083	35,463	67.5	32.5	17.6	13.8	1.0	0.1	1,952	18.2	4,374	8.1	—	—	—	—	—	1,236	66
Marion County	FL	29,577	37,915	38,405	69.9	30.1	22.0	7.1	0.7	0.3	2,124	18.1	4,963	7.7	—	—	—	—	—	1,665	60
Martin County	FL	11,692	15,938	16,145	75.5	24.5	11.4	12.0	0.9	0.3	891	18.1	1,835	8.8	—	—	—	—	—	705	27
Okaloosa County	FL	26,140	30,414	30,254	81.0	19.0	12.4	3.3	2.8	0.4	1,692	17.9	3,495	8.7	—	—	—	—	—	1,765	48
Orange County	FL	102,672	138,866	144,231	46.1	53.9	29.1	20.9	3.5	0.3	8,273	17.4	17,536	8.2	—	—	—	—	—	5,792	173
Osceola County	FL	19,514	30,127	31,666	53.1	46.9	9.5	34.5	2.6	0.2	1,565	20.4	3,758	8.5	—	—	—	—	—	1,376	37
Palm Beach County	FL	105,712	146,568	149,665	51.0	49.0	30.0	16.6	2.1	0.5	8,138	18.4	16,708	9.0	—	—	—	—	—	6,336	175
Pasco County	FL	33,891	46,065	47,691	88.3	11.7	3.7	6.7	1.1	0.2	2,745	17.4	6,307	7.6	—	—	—	—	—	1,964	51

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Table 92.—Selected statistics on enrollment, teachers, graduates and dropouts in public school districts enrolling more than 15,000 students, by state: 1990, 1998, and 1999—Continued

Name of district, by state	State	Enrollment, fall 1990	Enrollment, fall 1998	Enrollment, fall 1999	Percentage distribution of enrollment, by race, fall 1999						Number of classroom teachers,[1] fall 1999	Pupil/teacher ratio, fall 1999	Total number of staff, fall 1999	Student/staff ratio, fall 1999	Percent dropouts from grades 9–12, 1998–99[2]					Number of high school graduates, 1998–99[3]	Number of schools, fall 1999
					White	Minority															
						Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native					Total	Grade 9	Grade 10	Grade 11	Grade 12		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Pinellas County	FL	92,976	110,582	111,793	73.4	26.6	19.2	4.3	2.9	0.2	6,328	17.7	13,696	8.2	—	—	—	—	—	4,940	162
Polk County	FL	64,579	77,300	78,685	64.5	35.5	23.5	11.0	0.9	0.2	4,575	17.2	9,592	8.2	—	—	—	—	—	3,360	131
Saint Johns County	FL	12,080	18,341	19,046	86.2	13.8	10.8	1.9	0.9	0.2	1,085	17.6	2,175	8.8	—	—	—	—	—	892	29
Saint Lucie County	FL	22,224	28,877	29,356	58.7	41.3	30.4	9.7	1.0	0.2	1,740	16.9	3,786	7.8	—	—	—	—	—	1,022	41
Santa Rosa County	FL	15,708	22,021	22,226	91.2	8.8	5.3	1.6	1.4	0.6	1,197	18.6	2,174	10.2	—	—	—	—	—	1,106	36
Sarasota County	FL	26,881	33,958	34,569	82.5	17.5	9.9	6.1	1.3	0.2	1,991	17.4	4,335	8.0	—	—	—	—	—	1,588	43
Seminole County	FL	48,831	58,156	59,326	70.7	29.3	14.4	11.9	2.8	0.3	3,132	18.9	6,001	9.9	—	—	—	—	—	2,972	65
Volusia County	FL	48,342	59,851	60,688	74.5	25.5	16.0	8.3	1.0	0.2	3,637	16.7	7,801	7.8	—	—	—	—	—	2,785	91
Atlanta City	GA	60,714	60,541	59,429	6.8	93.2	89.7	2.4	1.0	0.1	3,891	15.3	7,601	7.8	8.9	10.2	8.2	7.6	8.5	1,859	99
Bibb County	GA	24,378	24,620	24,702	29.8	70.2	68.8	0.6	0.6	0.2	1,579	15.6	3,314	7.5	9.2	2.8	15.1	8.7	16.1	769	42
Chatham County	GA	34,044	36,729	36,111	32.0	68.0	64.5	1.7	1.7	0.2	2,301	15.7	4,445	8.1	8.5	8.8	8.6	6.5	9.8	1,113	49
Cherokee County	GA	16,086	24,341	24,969	92.3	7.7	3.0	3.7	0.9	0.2	1,546	16.2	2,904	8.6	4.4	0.3	1.7	4.0	14.7	1,157	30
Clayton County	GA	34,754	44,068	45,266	27.3	72.7	62.8	5.1	4.7	0.1	2,801	16.2	6,101	7.4	10.6	10.7	9.3	11.3	11.6	1,682	48
Cobb County	GA	69,441	91,208	93,657	68.7	31.3	22.3	5.6	3.2	0.2	5,815	16.1	10,728	8.7	4.0	2.4	4.1	5.2	4.9	4,794	93
Columbia County	GA	14,096	18,617	18,722	81.9	18.1	12.8	1.7	3.5	0.2	1,071	17.5	2,271	8.2	4.1	4.4	2.7	3.6	5.5	1,048	23
Coweta County	GA	10,430	15,792	16,210	73.4	26.6	24.8	1.2	0.6	0.1	987	16.4	2,092	7.8	9.4	9.6	10.7	9.5	7.1	632	23
De Kalb County	GA	74,108	93,171	95,283	13.1	86.9	77.4	5.5	3.9	0.1	5,885	16.2	11,890	8.0	8.2	7.7	7.2	7.2	10.9	3,909	120
Dougherty	GA	18,482	17,310	17,068	17.7	82.3	81.4	0.4	0.3	0.1	1,109	15.4	2,527	6.8	7.8	9.1	7.8	8.2	4.9	585	28
Douglas County	GA	14,002	16,770	16,978	75.1	24.9	21.3	2.1	1.1	0.3	1,155	14.7	2,240	7.6	4.5	3.6	5.4	4.5	4.4	764	25
Fayette County	GA	13,105	18,911	19,154	82.0	18.0	13.3	1.9	2.7	0.1	1,336	14.3	2,437	7.9	3.0	2.5	3.5	2.8	3.0	1,187	23
Forsyth County	GA	7,742	14,299	15,703	95.3	4.7	0.2	4.0	0.2	0.3	964	16.3	1,946	8.1	5.8	1.9	5.5	7.1	10.8	573	20
Fulton County	GA	41,195	65,642	67,025	49.3	50.7	40.1	5.6	4.8	0.1	4,306	15.6	8,596	7.8	7.3	3.9	4.7	7.3	14.1	2,906	66
Gwinnett County	GA	63,930	98,784	104,552	68.2	31.8	15.0	8.4	8.3	0.1	6,664	15.7	12,172	8.6	4.8	4.9	4.7	5.0	4.6	4,868	84
Hall County	GA	13,738	18,795	19,546	76.4	23.6	6.0	16.3	0.8	0.5	1,234	15.8	2,182	9.0	5.4	0.7	4.4	7.4	13.3	709	28
Henry County	GA	10,929	20,300	21,784	79.2	20.8	17.4	1.7	1.6	0.1	1,282	17.0	2,511	8.7	6.2	1.4	5.0	8.3	14.2	812	24
Houston County	GA	16,249	20,825	21,389	64.5	35.5	32.0	1.8	1.6	0.2	1,377	15.5	2,699	7.9	5.9	6.5	5.2	5.3	6.7	1,202	33
Muscogee County	GA	30,038	33,349	33,303	35.8	64.2	60.1	2.6	1.3	0.2	2,153	15.5	4,804	6.9	6.9	6.6	7.4	8.1	5.4	1,415	51
Paulding County	GA	7,604	14,328	15,233	91.1	8.9	7.3	1.0	0.2	0.3	978	15.6	1,824	8.4	9.0	2.6	9.5	10.5	20.1	506	20
Richmond County	GA	33,660	36,326	36,120	28.9	71.1	68.1	1.9	1.0	0.1	2,221	16.3	4,668	7.7	6.7	7.5	7.1	5.9	5.4	1,581	56
Hawaii Dept of Education	HI	171,309	188,069	185,860	20.5	79.5	2.4	4.6	72.2	0.4	10,866	17.1	17,901	10.4	—	—	—	—	—	9,714	256
Boise City Independent	ID	23,394	26,808	26,776	—	—	—	—	—	—	1,462	18.3	2,657	10.1	9.2	6.2	10.3	11.9	8.7	1,669	51
Meridian Junction	ID	14,802	21,918	22,820	—	—	—	—	—	—	1,182	19.3	2,099	10.9	3.9	4.1	3.8	3.8	3.8	1,288	31
City of Chicago	IL	408,714	430,914	431,750	10.0	90.0	52.5	34.2	3.2	0.2	23,455	18.4	28,068	15.4	16.2	18.1	19.0	14.1	9.9	16,195	597
Community Unit 300	IL	11,196	15,790	16,136	75.2	24.8	4.4	18.3	1.7	0.4	882	18.3	1,028	15.7	4.3	4.1	4.6	4.0	4.4	835	21
Indian Prairie	IL	7,670	19,644	21,641	80.8	19.2	6.8	4.1	8.1	0.2	1,289	16.8	1,512	14.3	2.2	0.2	1.1	3.5	4.5	843	28
Naperville	IL	16,212	18,473	18,592	83.9	16.1	2.3	2.2	11.3	0.3	1,068	17.4	1,267	14.7	0.8	0.0	0.6	1.0	1.9	1,219	21
Peoria	IL	17,378	16,018	15,929	40.5	59.5	55.3	2.3	1.8	0.1	1,086	14.7	1,254	12.7	14.1	16.9	10.6	16.7	11.9	831	44
Rockford	IL	27,255	27,602	27,308	53.1	46.9	30.4	13.1	3.2	0.2	1,650	16.6	2,017	13.5	13.0	16.0	13.5	9.8	10.2	1,232	53
Schaumburg	IL	15,583	16,066	15,805	68.3	31.7	7.2	9.3	15.0	0.1	959	16.5	1,142	13.8	—	—	—	—	—	—	27
School District 46	IL	27,726	34,094	35,546	57.0	43.0	7.5	28.8	6.5	0.1	2,082	17.1	2,438	14.6	5.8	1.2	4.0	8.3	12.8	1,617	52
Springfield	IL	15,813	15,359	15,180	64.3	35.7	32.8	1.1	1.6	0.2	954	15.9	1,155	13.1	6.1	4.0	6.2	7.5	7.6	795	36
Evansville-Vanderburgh SC	IN	22,918	23,328	23,022	83.6	16.4	14.9	0.6	0.7	0.2	1,461	15.8	2,938	7.8	—	—	—	—	—	1,438	40
Fort Wayne Community	IN	31,611	31,680	31,507	66.2	33.8	25.7	5.6	2.0	0.5	1,733	18.2	3,554	8.9	—	—	—	—	—	1,710	55
Gary Community SC	IN	26,620	19,983	19,652	0.4	99.6	97.8	1.7	0.1	—	1,059	18.6	2,854	6.9	—	—	—	—	—	1,114	39
Indianapolis	IN	48,140	42,084	41,359	35.9	64.1	59.7	3.7	0.6	0.1	2,656	15.6	5,220	7.9	—	—	—	—	—	1,313	86
MSD Lawrence Township	IN	11,066	14,832	15,214	68.0	32.0	26.6	2.7	2.4	0.2	877	17.4	1,953	7.8	—	—	—	—	—	913	19
South Bend Community SC	IN	21,425	21,084	21,300	53.1	46.9	35.6	8.9	1.6	0.6	1,355	15.7	3,031	7.0	—	—	—	—	—	1,097	38
Vigo County SC	IN	16,982	16,867	16,747	91.2	8.8	7.1	0.5	1.1	0.1	967	17.3	1,990	8.4	—	—	—	—	—	1,050	31
Cedar Rapids	IA	16,988	17,961	17,934	87.6	12.4	8.0	1.7	2.1	0.5	1,113	16.1	2,159	8.3	1.8	1.1	1.4	3.0	1.7	1,019	33
Davenport	IA	17,841	17,202	17,307	72.8	27.2	17.9	5.6	2.5	1.2	1,169	14.8	1,985	8.7	2.6	1.3	2.7	3.9	2.8	986	35
Des Moines Independent	IA	30,514	31,406	31,509	72.7	27.3	14.5	7.4	4.7	0.7	2,115	14.9	3,919	8.0	5.0	6.1	4.7	5.8	2.9	1,589	63
Blue Valley	KS	9,432	16,027	16,632	92.1	7.9	2.3	1.4	4.0	0.2	1,118	14.9	2,076	8.0	—	—	—	—	—	1,017	27
Kansas City	KS	21,948	21,032	21,001	25.8	74.2	52.9	17.2	3.5	0.5	1,336	15.7	2,995	7.0	—	—	—	—	—	1,006	44
Olathe	KS	14,868	19,461	20,228	87.8	12.2	5.2	3.5	2.9	0.5	1,368	14.8	2,567	7.9	—	—	—	—	—	1,131	36
Shawnee Mission	KS	30,563	31,489	31,196	88.3	11.7	4.3	4.1	2.9	0.4	2,076	15.0	3,909	8.0	—	—	—	—	—	2,070	56

Table 92.—Selected statistics on enrollment, teachers, graduates and dropouts in public school districts enrolling more than 15,000 students, by state: 1990, 1998, and 1999—Continued

Name of district, by state	State	Enrollment, fall 1990	Enrollment, fall 1998	Enrollment, fall 1999	Percentage distribution of enrollment, by race, fall 1999						Number of classroom teachers,[1] fall 1999	Pupil/teacher ratio, fall 1999	Total number of staff, fall 1999	Student/staff ratio, fall 1999	Percent dropouts from grades 9–12, 1998–99[2]					Number of high school graduates, 1998–99[3]	Number of schools, fall 1999
					White	Minority															
						Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native					Total	Grade 9	Grade 10	Grade 11	Grade 12		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Wichita	KS	46,847	47,479	47,778	54.1	45.9	23.3	14.7	5.6	2.4	3,284	14.5	6,067	7.9	—	—	—	—	—	2,026	94
Fayette County	KY	32,083	33,124	33,267	73.6	26.4	24.1	2.2	0.0	0.1	2,405	13.8	4,907	6.8	3.9	4.1	3.6	4.1	3.6	1,691	62
Jefferson County	KY	91,450	101,438	97,053	63.1	36.9	34.4	1.3	1.2	0.1	5,360	18.1	12,889	7.5	7.3	7.2	7.6	7.7	6.4	5,172	175
Bossier Parish SB	LA	17,804	18,674	18,800	66.7	33.3	29.5	2.2	1.3	0.2	1,136	16.5	2,374	7.9	6.9	6.2	8.3	6.9	6.0	947	35
Caddo Parish SB	LA	51,375	47,089	46,222	36.8	63.2	61.8	0.6	0.7	0.1	2,976	15.5	6,679	6.9	12.6	15.8	11.2	8.3	13.9	2,209	74
Calcasieu Parish SB	LA	32,917	33,115	32,562	65.9	34.1	32.9	0.5	0.5	0.2	2,190	14.9	4,507	7.2	6.0	6.7	6.6	5.0	5.3	1,849	60
East Baton Rouge Parish SB	LA	61,669	56,527	55,652	30.0	70.0	67.4	0.6	2.0	—	3,768	14.8	7,392	7.5	14.7	14.4	16.2	13.0	14.8	2,691	104
Jefferson Parish SB	LA	58,177	53,615	51,835	41.8	58.2	46.2	7.2	4.2	0.6	3,397	15.3	7,196	7.2	12.1	13.9	13.6	10.2	9.3	2,588	84
Lafayette Parish SB	LA	29,403	30,618	30,266	61.0	39.0	37.0	0.8	1.1	0.2	1,973	15.3	3,660	8.3	10.5	13.1	10.6	8.7	8.6	1,584	44
Lafourche Parish SB	LA	16,173	15,741	15,371	72.5	27.5	22.0	1.1	1.1	3.3	1,209	12.7	2,222	6.9	7.2	3.9	8.0	9.2	7.8	836	28
Livingston Parish SB	LA	16,310	19,184	19,412	93.6	6.4	5.7	0.4	0.2	0.1	1,215	16.0	2,261	8.6	3.2	3.5	3.6	3.7	1.3	925	36
Orleans Parish SB	LA	82,925	82,176	80,526	4.3	95.7	92.3	1.2	2.2	0.1	5,023	16.0	9,157	8.8	13.8	12.1	13.9	11.0	19.0	3,507	124
Ouachita Parish SB	LA	17,667	17,472	17,248	73.0	27.0	25.9	0.5	0.6	—	1,177	14.7	2,338	7.4	11.0	9.8	11.2	11.6	12.2	827	31
Rapides Parish SB	LA	24,765	23,933	23,897	55.2	44.8	42.3	0.6	1.1	0.9	1,609	14.9	3,319	7.2	6.9	6.7	7.3	7.3	6.4	1,370	55
Saint Landry Parish SB	LA	17,213	15,981	15,726	45.3	54.7	54.1	0.3	0.2	0.1	1,054	14.9	2,178	7.2	6.2	6.9	7.5	6.2	3.4	817	37
Saint Tammany Parish SB	LA	27,522	32,553	32,261	82.7	17.3	15.3	1.1	0.8	0.1	2,225	14.5	4,481	7.2	6.8	9.0	6.0	5.9	5.2	1,790	51
Tangipahoa Parish SB	LA	16,724	18,728	18,642	54.5	45.5	44.4	0.7	0.4	0.1	1,079	17.3	2,247	8.3	9.9	10.0	12.4	8.9	7.0	937	37
Terrebonne Parish SB	LA	21,116	20,610	20,128	63.0	37.0	27.0	0.7	1.4	7.9	1,379	14.6	2,672	7.5	10.8	11.6	10.6	11.8	8.3	1,052	43
Anne Arundel County	MD	65,011	74,079	74,663	75.7	24.3	19.5	2.1	2.6	0.2	4,225	17.7	7,411	10.1	5.3	4.9	6.5	6.2	3.3	4,126	118
Baltimore City	MD	108,663	106,540	103,000	11.3	88.7	87.2	0.6	0.6	0.4	5,921	17.4	10,541	9.8	12.2	13.3	12.9	11.3	9.9	3,759	184
Baltimore County	MD	86,737	105,914	106,465	63.5	36.5	30.8	1.5	3.7	0.4	6,642	16.0	11,707	9.1	3.1	2.5	3.4	4.0	2.5	6,292	168
Calvert County	MD	10,398	15,241	15,784	82.7	17.3	15.5	0.8	0.8	0.1	853	18.5	1,648	9.6	4.1	3.2	4.6	3.6	5.2	882	24
Carroll County	MD	21,835	27,224	27,472	95.7	4.3	2.4	0.8	1.0	0.2	1,521	18.1	2,681	10.2	2.9	2.1	2.6	3.2	3.7	1,719	39
Cecil County	MD	12,868	15,550	15,680	92.2	7.8	5.4	1.5	0.7	0.2	1,017	15.4	1,717	9.1	4.5	3.9	4.9	5.0	4.2	754	31
Charles County	MD	18,708	22,263	22,720	62.1	37.9	33.0	1.7	2.2	1.0	1,244	18.3	2,253	10.1	3.6	3.8	3.6	4.3	2.3	1,300	33
Frederick County	MD	26,848	35,383	36,059	87.3	12.7	8.7	2.0	1.9	0.2	2,169	16.6	3,897	9.3	2.9	1.7	3.3	2.8	4.3	2,192	54
Harford County	MD	31,500	38,909	39,334	81.8	18.2	13.8	2.1	1.9	0.4	2,392	16.4	4,178	9.4	4.9	5.2	4.9	5.2	4.2	2,146	53
Howard County	MD	29,949	41,858	43,473	71.1	28.9	17.7	2.2	8.9	0.1	2,846	15.3	5,237	8.3	2.2	2.2	2.0	2.4	2.1	2,558	66
Montgomery County	MD	103,757	127,933	130,720	50.7	49.3	21.0	14.9	13.1	0.3	8,198	15.9	15,876	8.2	2.0	1.8	2.0	2.1	2.1	7,398	192
Prince George's County	MD	108,868	130,259	131,059	12.7	87.3	76.6	6.8	3.4	0.5	7,566	17.3	14,542	9.0	2.8	2.9	2.6	2.8	2.8	7,324	189
Saint Mary's County	MD	12,549	14,743	15,020	76.6	23.4	19.2	1.7	1.9	0.7	885	17.0	1,294	11.6	1.5	1.1	1.9	1.7	1.3	182	27
Washington County	MD	17,778	20,159	19,953	90.3	9.7	6.9	1.4	1.3	0.1	1,313	15.2	2,274	8.8	4.9	3.7	5.0	5.8	5.3	1,073	46
Boston	MA	60,543	63,043	62,950	14.9	85.1	48.8	26.9	8.9	0.4	5,093	12.4	9,691	6.5	10.0	10.0	10.4	10.4	8.7	2,960	130
Brockton	MA	14,529	16,675	16,869	44.4	55.6	40.0	11.6	3.2	0.8	1,340	12.6	2,469	6.8	4.2	0.8	7.8	4.0	2.6	622	25
Lowell	MA	13,488	16,429	16,275	42.7	57.3	4.1	21.8	31.3	0.1	1,107	14.7	2,014	8.1	9.4	10.1	11.5	8.8	6.0	581	29
Lynn	MA	11,914	14,931	15,069	44.7	55.3	15.0	25.9	14.0	0.4	1,036	14.5	1,870	8.1	2.7	1.6	2.1	5.5	2.0	626	31
Springfield	MA	24,194	25,798	25,918	25.6	74.4	29.7	42.4	2.1	0.2	2,600	10.0	4,615	5.6	7.2	7.2	8.2	8.0	4.7	1,007	48
Worcester	MA	21,066	25,412	25,464	53.6	46.4	10.3	28.0	7.6	0.5	2,143	11.9	3,939	6.5	7.3	7.2	4.9	8.9	8.2	934	50
Ann Arbor	MI	14,199	16,276	16,434	69.4	30.6	17.0	2.6	10.5	0.5	929	17.7	2,000	8.2	—	—	—	—	—	989	34
Dearborn City	MI	13,380	16,263	16,678	95.0	5.0	1.8	2.2	0.7	0.3	1,013	16.5	1,980	8.4	—	—	—	—	—	946	29
Detroit City	MI	168,116	173,557	167,124	3.9	96.1	91.2	3.7	1.0	0.2	9,148	18.3	24,278	6.9	—	—	—	—	—	6,222	268
Flint City	MI	27,601	25,133	23,448	21.4	78.6	73.7	2.4	0.3	2.3	1,437	16.3	2,915	8.0	—	—	—	—	—	939	46
Grand Rapids City	MI	26,250	26,354	25,978	34.4	65.6	44.1	18.5	1.8	1.2	1,466	17.7	3,235	8.0	—	—	—	—	—	756	102
Lansing Public	MI	21,350	18,442	17,754	43.4	56.6	34.6	13.6	7.4	1.0	1,082	16.4	2,285	7.8	—	—	—	—	—	940	44
Livonia	MI	16,373	18,348	18,361	93.9	6.1	2.4	1.1	2.2	0.4	995	18.5	2,175	8.4	—	—	—	—	—	1,257	36
Plymouth-Canton Comm. Schools	MI	14,955	16,202	16,430	86.8	13.2	3.6	1.6	7.3	0.6	806	20.4	1,735	9.5	—	—	—	—	—	1,014	22
Utica Community	MI	23,960	26,776	27,268	95.8	4.2	1.2	0.7	2.2	0.1	1,385	19.7	2,769	9.8	—	—	—	—	—	1,758	41
Anoka-Hennepin	MN	34,524	40,923	40,964	91.7	8.3	2.9	1.3	2.9	1.1	2,321	17.7	4,085	10.0	4.9	0.9	3.4	5.9	9.5	2,736	60
Minneapolis	MN	36,763	49,242	48,688	28.9	71.1	43.8	7.7	14.7	4.9	3,626	13.4	6,570	7.4	15.8	15.5	16.2	17.6	13.4	1,959	145
Osseo	MN	19,483	22,028	22,171	78.1	21.9	11.8	1.7	7.7	0.7	1,340	16.5	2,410	9.2	4.8	0.5	3.9	6.4	8.5	1,326	34
Rochester	MN	13,897	15,845	16,050	82.5	17.5	6.4	2.5	8.3	0.3	959	16.7	1,741	9.2	3.5	2.9	3.3	4.3	3.5	975	33
Rosemount-Apple Valley-Eagan	MN	17,029	27,704	28,168	89.2	10.8	3.9	1.7	4.7	0.5	1,856	15.2	3,136	9.0	3.0	0.3	1.5	3.3	7.2	1,522	37
St. Paul	MN	32,366	45,349	45,253	35.3	64.7	22.7	9.1	30.9	1.9	3,290	13.8	6,704	6.8	9.7	2.7	6.8	11.6	18.1	1,974	137
Desoto County	MS	13,470	18,180	18,917	81.7	18.3	15.9	1.5	0.7	0.2	985	19.2	1,965	9.6	3.5	3.4	3.1	4.9	2.9	734	23

Table 92.—Selected statistics on enrollment, teachers, graduates and dropouts in public school districts enrolling more than 15,000 students, by state: 1990, 1998, and 1999—Continued

Name of district, by state	State	Enrollment, fall 1990	Enrollment, fall 1998	Enrollment, fall 1999	Percentage distribution of enrollment, by race, fall 1999						Number of classroom teachers,[1] fall 1999	Pupil/teacher ratio, fall 1999	Total number of staff, fall 1999	Student/staff ratio, fall 1999	Percent dropouts from grades 9–12, 1998–99[2]					Number of high school graduates, 1998–99[3]	Number of schools, fall 1999
					White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12		
						Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Jackson Public	MS	33,546	31,936	31,384	6.8	93.2	92.7	0.1	0.3	0.1	1,946	16.1	4,436	7.1	6.8	11.3	5.9	4.4	3.0	1,455	60
Rankin County	MS	12,824	15,003	15,037	78.5	21.5	20.3	0.6	0.5	0.1	860	17.5	1,623	9.3	1.3	1.0	1.8	1.8	0.7	744	23
Columbia	MO	12,786	15,973	16,894	71.0	29.0	23.4	1.5	3.7	0.4	1,175	14.4	2,087	8.1	6.1	1.3	9.3	7.6	6.1	840	30
Fort Zumwalt R-11	MO	10,110	15,265	15,975	95.7	4.3	2.9	0.7	0.6	0.2	974	16.4	1,861	8.6	2.8	1.5	3.9	4.0	2.2	857	18
Francis Howell	MO	13,391	18,645	19,388	93.9	6.1	2.9	0.7	0.8	1.8	1,252	15.5	2,010	9.6	2.7	1.8	3.1	4.0	2.1	1,068	22
Hazelwood	MO	16,985	18,587	18,636	52.7	47.3	45.5	0.8	1.0	0.1	1,103	16.9	2,037	9.1	5.3	3.8	6.9	6.1	4.4	1,177	25
Kansas City	MO	34,486	37,861	38,135	21.8	78.2	67.9	8.2	1.9	0.3	2,490	15.3	4,961	7.7	8.4	7.6	9.7	9.5	6.3	1,130	88
North Kansas City	MO	15,732	17,190	17,378	89.7	10.3	4.5	3.1	2.2	0.5	1,133	15.3	1,900	9.1	4.7	1.7	4.2	6.1	7.0	991	31
Parkway	MO	21,542	20,787	20,547	74.0	26.0	17.4	1.2	7.3	0.1	1,256	16.4	2,717	7.6	2.1	0.7	1.1	2.5	4.3	1,429	28
Rockwood	MO	15,608	20,696	21,175	82.5	17.5	14.6	0.7	2.1	0.1	1,233	17.2	2,493	8.5	2.3	1.1	3.2	2.8	2.1	1,353	28
Saint Louis City	MO	43,284	45,981	45,658	18.6	81.4	79.0	0.9	1.4	0.1	3,252	14.0	6,826	6.7	13.7	15.8	14.6	11.0	8.1	1,263	115
Springfield	MO	23,631	25,146	24,816	90.8	9.2	4.9	1.8	1.8	0.7	1,549	16.0	2,820	8.8	7.9	2.9	8.7	11.0	9.7	1,430	57
Lincoln	NE	27,986	31,013	31,052	86.6	13.4	5.6	3.1	3.5	1.2	2,282	13.6	4,459	7.0	7.0	2.8	6.6	9.0	10.2	1,911	59
Millard	NE	16,764	19,067	19,056	95.0	5.0	1.4	1.5	1.9	0.3	1,181	16.1	2,166	8.8	2.2	0.3	0.5	4.2	3.8	1,362	31
Omaha	NE	41,699	45,118	45,039	54.0	46.0	31.6	11.3	1.5	1.6	3,017	14.9	5,585	8.1	10.7	12.7	11.5	10.2	7.0	2,329	82
Clark County	NV	121,959	203,777	217,526	52.1	47.9	13.9	26.8	6.3	0.9	10,838	20.1	18,517	11.7	9.2	3.1	5.8	11.6	19.4	8,535	246
Washoe County	NV	38,466	52,813	54,508	67.1	32.9	3.5	21.6	5.3	2.5	3,222	16.9	5,508	9.9	7.6	2.9	4.4	11.0	14.0	2,458	89
Manchester	NH	14,604	16,932	17,213	89.0	11.0	2.9	5.5	2.1	0.4	1,088	15.8	1,793	9.6	0.0	0.0	0.0	0.0	0.0	1,070	23
Camden City	NJ	19,497	18,536	18,393	1.7	98.3	57.2	39.0	1.9	0.1	1,511	12.2	3,489	5.3	12.5	15.7	11.8	11.4	6.4	407	33
Elizabeth City	NJ	15,266	18,708	19,075	14.0	86.0	26.1	57.4	2.2	0.2	1,538	12.4	3,051	6.3	9.4	11.2	11.0	7.5	6.0	861	25
Jersey City	NJ	28,585	32,505	31,669	9.2	90.8	39.0	38.8	12.5	0.6	2,262	14.0	4,630	6.8	6.2	8.2	7.5	4.0	3.5	1,203	38
Newark City	NJ	48,433	43,609	42,101	8.7	91.3	61.9	28.5	0.7	0.2	3,458	12.2	6,853	6.1	8.4	9.4	9.4	7.3	6.3	1,462	76
Paterson City	NJ	22,109	24,499	24,563	6.4	93.6	40.4	50.8	2.2	0.2	1,901	12.9	3,224	7.6	14.7	20.1	14.9	10.9	8.3	734	35
Tom's River Regional	NJ	16,002	17,393	17,272	92.1	7.9	3.0	3.0	1.9	0.1	1,119	15.4	2,057	8.4	3.1	1.1	3.5	4.4	3.6	1,162	17
Albuquerque	NM	88,295	85,847	85,381	41.1	58.9	3.8	48.7	1.9	4.5	5,236	16.3	11,326	7.5	9.3	10.0	9.8	8.9	8.2	4,642	126
Las Cruces	NM	19,216	22,403	22,306	31.4	68.6	2.3	64.7	1.0	0.7	1,400	15.9	2,929	7.6	8.2	9.5	9.4	7.2	5.8	1,215	37
Brentwood Unified	NY	11,749	14,504	15,016	21.5	78.5	22.9	53.6	1.8	0.2	943	15.9	1,940	7.7	—	—	—	—	—	577	17
Buffalo City	NY	47,235	47,096	46,370	29.7	70.3	56.8	10.8	1.3	1.4	3,399	13.6	7,021	6.6	—	—	—	—	—	1,728	76
New York City	NY	944,113	1,072,628	1,075,710	15.4	84.6	35.2	37.7	11.3	0.4	63,989	16.8	128,251	8.4	—	—	—	—	—	39,403	1,207
Rochester City	NY	32,705	38,121	37,741	16.7	83.3	62.9	18.0	2.0	0.4	2,981	12.7	5,881	6.4	—	—	—	—	—	939	60
Syracuse City	NY	22,432	23,671	23,474	46.0	54.0	45.5	5.8	1.6	1.1	1,756	13.4	3,938	6.0	—	—	—	—	—	792	35
Yonkers City	NY	18,621	25,277	25,889	21.6	78.4	30.9	42.0	5.3	0.2	1,768	14.6	3,616	7.2	—	—	—	—	—	894	41
Alamance-Burlington	NC	10,322	19,781	20,243	64.9	35.1	27.2	6.4	1.3	0.3	1,290	15.7	2,322	8.7	—	—	—	—	—	931	31
Buncombe County	NC	22,026	24,857	24,810	89.5	10.5	7.1	2.2	0.7	0.4	1,462	17.0	3,097	8.0	—	—	—	—	—	1,332	37
Cabarrus County	NC	12,853	17,844	18,486	81.1	18.9	14.0	3.7	0.8	0.3	1,175	15.7	2,102	8.8	—	—	—	—	—	882	24
Catawba County Schools	NC	12,770	15,399	15,874	83.1	16.9	7.7	3.2	5.9	0.1	992	16.0	1,847	8.6	—	—	—	—	—	786	25
Charlotte-Mecklenburg	NC	77,069	98,758	100,553	48.3	51.7	42.5	4.4	4.4	0.5	6,418	15.7	13,069	7.7	—	—	—	—	—	4,643	135
Cumberland County	NC	44,612	51,297	51,300	43.7	56.3	47.7	5.2	1.6	1.7	3,078	16.7	6,076	8.4	—	—	—	—	—	2,409	78
Davidson County	NC	16,426	18,619	18,887	96.0	4.0	2.4	0.8	0.6	0.2	1,144	16.5	2,112	8.9	—	—	—	—	—	972	26
Durham	NC	18,517	29,044	29,244	34.0	66.0	59.0	4.6	2.1	0.3	2,088	14.0	3,611	8.1	—	—	—	—	—	1,299	44
Forsyth County	NC	37,625	42,847	43,687	54.9	45.1	38.3	5.6	1.0	0.3	3,031	14.4	5,276	8.3	—	—	—	—	—	2,051	65
Gaston County	NC	29,631	30,358	30,661	76.4	23.6	20.3	1.8	1.4	0.2	1,880	16.3	3,348	9.2	—	—	—	—	—	1,320	51
Guilford County	NC	24,575	61,154	62,486	51.5	48.5	41.3	2.6	3.8	0.7	3,929	15.9	7,776	8.0	—	—	—	—	—	3,027	96
Harnett County	NC	11,890	15,602	16,015	61.5	38.5	32.0	5.1	0.4	1.0	981	16.3	1,889	8.5	—	—	—	—	—	608	24
Iredell-Statesville	NC	10,610	16,100	16,658	74.7	25.3	20.0	2.9	2.2	0.2	1,006	16.6	2,041	8.2	—	—	—	—	—	745	31
Johnston County	NC	14,647	19,314	20,339	69.9	30.1	22.2	7.1	0.4	0.3	1,377	14.8	2,672	7.6	—	—	—	—	—	804	28
Nash-Rocky Mount	NC	11,653	18,059	18,009	41.2	58.8	54.1	3.3	1.1	0.4	1,182	15.2	2,298	7.8	—	—	—	—	—	891	28
New Hanover County	NC	19,090	21,492	21,524	67.6	32.4	29.8	1.2	1.0	0.4	1,336	16.1	2,800	7.7	—	—	—	—	—	1,135	32
Onslow County	NC	18,605	21,333	21,186	65.3	34.7	27.7	4.2	1.6	1.2	1,295	16.4	2,610	8.1	—	—	—	—	—	1,093	31
Pitt County	NC	17,629	20,017	20,108	45.7	54.3	50.8	2.2	1.2	0.1	1,293	15.6	2,497	8.1	—	—	—	—	—	911	31
Randolph County	NC	13,572	16,340	16,715	89.0	11.0	5.7	4.2	0.5	0.5	1,001	16.7	2,007	8.3	—	—	—	—	—	744	25
Robeson County	NC	23,251	24,066	23,966	22.3	77.7	32.0	2.2	0.3	43.2	1,431	16.7	2,845	8.4	—	—	—	—	—	921	41
Rowan-Salisbury	NC	16,403	19,865	20,260	72.7	27.3	22.7	3.2	1.1	0.3	1,288	15.7	2,492	8.1	—	—	—	—	—	915	29
Union County	NC	12,864	20,821	21,949	76.0	24.0	18.6	4.5	0.6	0.3	1,315	16.7	2,476	8.9	—	—	—	—	—	988	33

Table 92.—Selected statistics on enrollment, teachers, graduates and dropouts in public school districts enrolling more than 15,000 students, by state: 1990, 1998, and 1999—Continued

Name of district, by state	State	Enrollment, fall 1990	Enrollment, fall 1998	Enrollment, fall 1999	Percentage distribution of enrollment, by race, fall 1999						Number of classroom teachers,[1] fall 1999	Pupil/ teacher ratio, fall 1999	Total number of staff, fall 1999	Student/ staff ratio, fall 1999	Percent dropouts from grades 9–12, 1998–99[2]					Number of high school graduates, 1998–99[3]	Number of schools, fall 1999
					White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12		
						Total	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Wake County	NC	64,266	92,256	95,248	64.6	35.4	27.5	3.8	3.8	0.3	6,002	15.9	11,246	8.5	—	—	—	—	—	4,453	113
Wayne County	NC	13,653	19,245	19,471	49.9	50.1	45.0	4.0	0.9	0.2	1,216	16.0	2,356	8.3	—	—	—	—	—	960	30
Akron City	OH	33,213	32,361	31,996	49.2	50.8	47.9	0.7	2.0	0.1	2,517	12.7	5,377	6.0	10.4	11.3	10.7	9.3	9.7	1,551	62
Cincinnati City	OH	50,394	50,332	49,574	25.9	74.1	72.7	0.5	0.9	0.1	3,135	15.8	5,817	8.5	10.6	12.6	9.2	7.5	11.5	1,278	79
Cleveland City	OH	68,924	76,500	76,559	19.5	80.5	71.2	8.1	0.8	0.3	5,273	14.5	9,606	8.0	23.5	26.8	23.1	21.1	16.7	2,050	124
Columbus City	OH	63,956	64,873	65,490	38.5	61.5	57.6	1.4	2.3	0.2	3,996	16.4	7,782	8.4	7.3	6.6	7.2	7.6	8.3	2,312	146
Dayton City	OH	28,000	26,695	25,865	27.9	72.1	70.9	0.7	0.5	0.1	1,885	13.7	4,243	6.1	0.1	0.0	0.0	0.0	0.4	691	49
South-Western City	OH	16,605	19,214	18,933	86.6	13.4	9.3	2.2	1.7	0.2	1,137	16.7	2,070	9.1	9.8	12.1	9.6	7.5	9.4	957	29
Toledo City	OH	40,126	39,581	39,101	47.1	52.9	45.5	6.7	0.7	0.1	2,724	14.4	4,857	8.1	9.6	12.7	8.4	6.7	7.9	1,483	69
Broken Arrow	OK	13,872	14,826	15,015	86.3	13.7	3.9	1.9	1.3	6.6	879	17.1	1,676	9.0	4.3	2.2	3.2	6.4	5.7	971	22
Edmond	OK	13,041	16,667	16,854	86.4	13.6	6.4	1.9	2.3	3.0	1,001	16.8	1,728	9.8	3.8	4.2	3.9	3.7	3.3	1,160	21
Lawton	OK	17,727	18,140	17,785	52.4	47.6	30.8	8.5	2.3	6.0	1,070	16.6	2,037	8.7	4.6	2.9	6.8	5.0	3.6	1,002	41
Moore	OK	16,630	18,205	17,909	74.1	25.9	4.3	4.6	3.9	13.0	1,148	15.6	1,895	9.5	5.7	2.4	8.5	7.0	4.6	1,147	27
Oklahoma City	OK	36,038	39,398	39,531	32.9	67.1	38.5	20.2	2.8	5.6	2,671	14.8	5,284	7.5	10.6	16.5	9.8	5.9	4.7	1,370	89
Putnam City	OK	18,071	19,370	19,523	70.2	29.8	16.6	5.8	4.1	3.4	1,209	16.2	1,956	10.0	5.9	8.3	6.2	5.9	1.7	1,078	27
Tulsa	OK	40,732	42,852	42,793	46.1	53.9	36.0	7.9	1.5	8.5	2,752	15.5	5,758	7.4	10.4	11.7	11.1	10.1	7.8	1,771	80
Beaverton	OR	24,874	31,622	32,591	75.9	24.1	2.6	9.0	11.7	0.8	1,559	20.9	3,046	10.7	6.2	2.1	4.2	9.9	9.6	1,528	46
Eugene	OR	17,904	18,636	18,502	85.8	14.2	2.6	4.8	4.4	2.5	869	21.3	1,770	10.5	3.4	2.8	3.5	3.9	3.7	1,122	47
Hillsboro	OR	10,396	17,116	17,514	73.8	26.2	1.5	18.4	5.8	0.6	819	21.4	1,782	9.8	4.5	2.7	4.3	5.5	6.0	658	28
Portland	OR	53,042	54,546	53,587	64.1	35.9	16.3	8.1	9.1	2.4	2,948	18.2	5,620	9.5	12.6	9.1	11.8	13.2	17.7	2,109	109
Salem/Keizer	OR	27,756	33,725	34,293	79.7	20.3	1.3	15.0	2.7	1.3	1,614	21.2	3,202	10.7	8.2	2.9	5.2	8.5	18.0	1,619	54
Allentown City	PA	13,519	15,986	16,243	40.5	59.5	14.2	42.8	2.4	0.2	821	19.8	1,562	10.4	4.5	1.4	4.8	6.8	5.8	692	23
Central Bucks	PA	10,286	15,837	16,575	95.9	4.1	1.5	0.7	1.8	—	895	18.5	1,689	9.8	1.5	0.0	0.5	1.5	4.3	880	18
Philadelphia City	PA	190,978	207,465	205,199	17.6	82.4	64.8	12.6	4.8	0.2	11,423	18.0	24,359	8.4	10.0	8.6	10.7	9.5	12.2	9,789	259
Pittsburgh	PA	39,896	39,602	38,846	41.4	58.6	56.9	0.4	1.3	0.1	2,728	14.2	5,357	7.3	5.8	4.6	7.0	5.7	6.1	2,229	95
Reading	PA	11,965	15,232	15,394	30.2	69.8	15.9	52.6	1.3	—	798	19.3	1,608	9.6	13.6	14.8	16.7	15.0	3.5	517	19
Providence	RI	20,908	26,147	26,427	19.2	80.8	22.9	47.4	9.7	0.9	1,658	15.9	2,719	9.7	7.9	10.3	8.5	6.0	5.2	936	52
Aiken County	SC	23,964	24,451	24,855	62.4	37.6	35.0	1.7	0.7	0.2	1,475	16.8	1,676	14.8	—	—	—	—	—	1,259	37
Beaufort County	SC	12,525	15,531	16,701	48.3	51.7	45.9	4.8	0.6	0.3	1,097	15.2	1,225	13.6	—	—	—	—	—	670	23
Berkeley County	SC	27,392	26,384	26,879	60.1	39.9	36.0	1.9	1.7	0.4	1,732	15.5	1,944	13.8	—	—	—	—	—	1,339	34
Charleston County	SC	43,667	43,934	43,793	37.6	62.4	59.6	1.6	1.1	0.1	2,963	14.8	3,296	13.3	—	—	—	—	—	1,638	75
Dorchester	SC	13,737	16,563	16,746	69.8	30.2	27.4	1.1	1.2	0.5	1,056	15.9	1,172	14.3	—	—	—	—	—	883	15
Greenville County	SC	51,471	57,884	59,176	68.0	32.0	27.9	2.7	1.4	0.1	3,712	15.9	4,146	14.3	—	—	—	—	—	2,954	94
Horry County	SC	24,085	26,837	27,989	69.8	30.2	27.5	1.6	0.9	0.3	1,983	14.1	2,260	12.4	—	—	—	—	—	1,402	41
Lexington #01	SC	11,204	15,915	16,959	91.2	8.8	6.4	1.3	0.9	0.2	1,146	14.8	1,268	13.4	—	—	—	—	—	801	17
Pickens County	SC	14,298	15,778	16,071	89.0	11.0	9.0	1.2	0.8	0.1	1,045	15.4	1,170	13.7	—	—	—	—	—	732	25
Richland #1	SC	27,071	27,094	27,447	19.4	80.6	78.7	1.1	0.7	0.1	2,066	13.3	2,321	11.8	—	—	—	—	—	1,190	50
Richland #2	SC	12,792	16,167	17,012	44.3	55.7	50.1	3.0	2.4	0.2	1,162	14.6	1,289	13.2	—	—	—	—	—	893	19
Sioux Falls	SD	16,120	18,465	18,819	88.6	11.4	3.5	2.5	2.1	3.3	1,191	15.8	2,112	8.9	2.3	1.6	1.7	3.6	2.2	1,006	36
Hamilton County	TN	22,874	42,292	42,929	—	—	—	—	—	—	2,655	16.2	5,188	8.3	6.1	4.9	6.5	5.9	7.7	1,778	80
Knox County	TN	50,429	51,667	52,840	—	—	—	—	—	—	3,492	15.1	6,582	8.0	2.5	0.2	0.6	4.1	5.7	2,503	86
Memphis City	TN	106,223	111,682	112,819	—	—	—	—	—	—	6,721	16.8	11,851	9.5	9.7	6.7	11.3	11.8	10.3	3,826	164
Montgomery County	TN	17,532	23,337	23,719	—	—	—	—	—	—	1,446	16.4	2,751	8.6	2.7	0.6	1.6	3.7	6.3	964	30
Nashville-Davidson	TN	67,452	67,016	70,176	—	—	—	—	—	—	4,544	15.4	8,382	8.4	7.4	7.2	8.0	8.5	5.9	2,501	127
Rutherford County	TN	18,228	24,682	24,815	—	—	—	—	—	—	1,546	16.1	2,622	9.5	4.2	2.1	3.2	4.9	7.9	1,390	30
Shelby County	TN	37,605	48,185	49,078	—	—	—	—	—	—	2,366	20.7	4,625	10.6	2.2	1.4	1.7	2.8	3.0	2,424	44
Sumner County	TN	19,650	22,165	22,463	—	—	—	—	—	—	1,430	15.7	2,707	8.3	3.5	0.4	0.6	4.1	10.9	1,293	39
Williamson County	TN	11,502	18,227	18,165	—	—	—	—	—	—	1,150	15.8	2,081	8.7	1.6	0.2	0.7	2.3	3.8	1,067	29
Abilene ISD	TX	18,217	19,300	18,916	57.8	42.2	12.0	28.6	1.3	0.4	1,461	12.9	2,788	6.8	—	—	—	—	—	881	40
Aldine ISD	TX	41,372	49,453	50,890	11.7	88.3	35.4	49.7	3.1	0.1	3,431	14.8	7,074	7.2	—	—	—	—	—	1,992	63
Alief ISD	TX	29,774	41,056	41,762	11.9	88.1	36.7	34.8	16.4	0.1	2,649	15.8	5,095	8.2	—	—	—	—	—	1,722	36
Amarillo ISD	TX	27,374	29,150	29,069	54.2	45.8	10.4	32.4	2.8	0.3	1,920	15.1	3,506	8.3	—	—	—	—	—	1,428	51
Arlington ISD	TX	44,958	55,709	56,773	50.5	49.5	20.3	21.9	6.8	0.5	3,613	15.7	6,603	8.6	—	—	—	—	—	2,680	69
Austin ISD	TX	65,797	79,496	77,723	34.8	65.2	16.7	45.8	2.5	0.3	5,100	15.2	9,542	8.1	—	—	—	—	—	3,398	105

Table 92.—Selected statistics on enrollment, teachers, graduates and dropouts in public school districts enrolling more than 15,000 students, by state: 1990, 1998, and 1999—Continued

Name of district, by state	State	Enrollment, fall 1990	Enrollment, fall 1998	Enrollment, fall 1999	Percentage distribution of enrollment, by race, fall 1999						Number of classroom teachers,[1] fall 1999	Pupil/teacher ratio, fall 1999	Total number of staff, fall 1999	Student/staff ratio, fall 1999	Percent dropouts from grades 9–12, 1998–99[2]					Number of high school graduates, 1998–99[3]	Number of schools, fall 1999
					White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12		
						Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Beaumont ISD	TX	18,684	20,748	20,663	24.4	75.6	64.7	8.4	2.4	0.1	1,530	13.5	2,859	7.2	—	—	—	—	—	980	34
Birdville ISD	TX	18,466	20,861	20,030	75.4	24.6	3.9	14.8	5.6	0.4	1,320	15.2	2,503	8.0	—	—	—	—	—	1,080	33
Brownsville ISD	TX	34,906	40,262	40,195	2.3	97.7	0.1	97.3	0.2	—	2,740	14.7	6,164	6.5	—	—	—	—	—	1,941	46
Carrollton-Farmers Branch ISD	TX	16,234	22,420	23,093	45.3	54.7	10.0	31.0	13.1	0.5	1,584	14.6	2,824	8.2	—	—	—	—	—	981	36
Clear Creek ISD	TX	22,372	28,205	28,846	71.9	28.1	6.5	12.6	8.7	0.3	1,785	16.2	3,153	9.1	—	—	—	—	—	1,538	29
Conroe ISD	TX	23,288	32,290	33,286	77.0	23.0	5.3	15.9	1.6	0.3	2,192	15.2	4,216	7.9	—	—	—	—	—	1,881	40
Corpus Christi ISD	TX	41,881	40,290	39,618	22.8	77.2	5.9	69.9	1.1	0.4	2,456	16.1	4,961	8.0	—	—	—	—	—	2,139	64
Cypress-Fairbanks ISD	TX	41,196	58,044	60,370	60.7	39.3	9.5	21.8	7.8	0.2	3,812	15.8	7,523	8.0	—	—	—	—	—	3,223	50
Dallas ISD	TX	135,320	159,908	160,477	8.5	91.5	37.6	52.0	1.5	0.4	9,957	16.1	18,441	8.7	—	—	—	—	—	5,509	218
Ector County ISD	TX	26,993	25,389	27,294	39.9	60.1	5.2	53.8	0.7	0.4	1,495	18.3	3,070	8.9	—	—	—	—	—	1,434	41
Edinburg ISD	TX	13,685	20,563	21,113	3.6	96.4	0.2	95.8	0.2	0.2	1,406	15.0	3,097	6.8	—	—	—	—	—	1,003	32
El Paso ISD	TX	64,092	62,945	62,306	16.5	83.5	4.8	77.3	1.2	0.3	3,785	16.5	7,710	8.1	—	—	—	—	—	3,458	85
Fort Bend ISD	TX	36,270	50,890	52,704	39.6	60.4	27.8	17.4	15.1	0.1	3,167	16.6	5,620	9.4	—	—	—	—	—	2,898	51
Fort Worth ISD	TX	69,163	77,956	78,654	22.8	77.2	31.7	43.0	2.3	0.2	4,596	17.1	9,048	8.7	—	—	—	—	—	3,295	135
Galena Park ISD	TX	15,593	18,167	18,506	18.2	81.8	21.3	58.3	2.0	0.1	1,199	15.4	2,273	8.1	—	—	—	—	—	983	21
Garland ISD	TX	37,978	47,967	49,036	50.0	50.0	16.5	26.5	6.3	0.7	2,971	16.5	5,572	8.8	—	—	—	—	—	2,295	65
Goose Creek ISD	TX	17,654	18,152	18,108	42.0	58.0	17.6	39.2	1.0	0.2	1,124	16.1	2,190	8.3	—	—	—	—	—	927	24
Grand Prairie ISD	TX	16,482	19,183	19,496	35.9	64.1	13.5	45.8	4.1	0.7	1,331	14.6	2,224	8.8	—	—	—	—	—	1,005	30
Harlingen Cons ISD	TX	13,805	16,009	15,873	13.0	87.0	0.7	85.7	0.5	—	1,022	15.5	2,507	6.3	—	—	—	—	—	802	23
Houston ISD	TX	194,435	210,179	209,716	10.0	90.0	33.0	54.1	2.9	0.1	11,638	18.0	23,058	9.1	—	—	—	—	—	7,299	293
Humble ISD	TX	19,560	23,855	24,135	75.2	24.8	9.1	12.4	3.0	0.2	1,628	14.8	3,129	7.7	—	—	—	—	—	1,539	27
Hurst-Euless-Bedford ISD	TX	18,733	19,364	19,282	69.9	30.1	8.0	12.8	8.5	0.8	1,233	15.6	2,304	8.4	—	—	—	—	—	1,199	30
Irving ISD	TX	23,509	27,651	27,961	34.7	65.3	13.7	45.2	5.9	0.5	1,993	14.0	3,518	7.9	—	—	—	—	—	1,221	37
Judson ISD	TX	13,145	15,848	16,286	38.2	61.8	24.3	34.6	2.7	0.2	1,114	14.6	2,261	7.2	—	—	—	—	—	674	21
Katy ISD	TX	19,507	30,126	32,072	74.3	25.7	5.3	15.2	5.0	0.1	2,069	15.5	3,939	8.1	—	—	—	—	—	1,818	28
Keller ISD	TX	8,212	14,753	15,794	83.5	16.5	3.8	7.7	4.7	0.3	878	18.0	1,481	10.7	—	—	—	—	—	786	17
Killeen ISD	TX	22,131	28,533	29,298	38.2	61.8	39.7	17.1	4.4	0.6	1,927	15.2	4,041	7.3	—	—	—	—	—	1,230	43
Klein ISD	TX	26,220	31,446	31,777	62.2	37.8	12.7	17.7	7.0	0.3	2,054	15.5	4,167	7.6	—	—	—	—	—	1,971	30
La Joya ISD	TX	8,523	15,749	16,481	0.5	99.5	0.0	99.5	0.0	—	1,021	16.1	2,354	7.0	—	—	—	—	—	810	20
Laredo ISD	TX	23,304	22,601	22,524	1.3	98.7	0.1	98.5	0.1	—	1,383	16.3	3,308	6.8	—	—	—	—	—	1,160	30
Lewisville ISD	TX	20,776	34,870	36,944	77.9	22.1	6.7	11.2	3.8	0.4	2,532	14.6	4,117	9.0	—	—	—	—	—	1,788	49
Lubbock ISD	TX	30,766	29,565	29,394	41.5	58.5	14.7	42.4	1.1	0.2	2,113	13.9	3,505	8.4	—	—	—	—	—	1,707	60
McAllen ISD	TX	18,432	21,254	21,482	10.2	89.8	0.5	87.5	1.8	0.1	1,414	15.2	2,990	7.2	—	—	—	—	—	1,234	32
Mesquite ISD	TX	25,920	31,379	31,661	62.0	38.0	16.4	17.2	3.9	0.5	1,858	17.0	3,506	9.0	—	—	—	—	—	1,670	42
Midland ISD	TX	21,082	22,911	21,215	48.2	51.8	9.9	40.6	0.9	0.3	1,403	15.1	2,793	7.6	—	—	—	—	—	1,270	35
North East ISD	TX	39,909	47,732	49,197	50.1	49.9	9.5	37.7	2.4	0.2	3,260	15.1	6,336	7.8	—	—	—	—	—	2,762	64
Northside ISD	TX	50,229	61,308	62,536	37.8	62.2	6.7	53.2	2.1	0.2	4,136	15.1	8,208	7.6	—	—	—	—	—	3,492	84
Pasadena ISD	TX	37,643	41,240	41,880	29.4	70.6	5.6	61.4	3.3	0.3	2,495	16.8	4,859	8.6	—	—	—	—	—	1,808	52
Pharr-San Juan-Alamo ISD	TX	16,563	21,050	21,724	1.4	98.6	0.1	98.3	0.1	—	1,377	15.8	3,282	6.6	—	—	—	—	—	1,028	33
Plano ISD	TX	28,398	44,229	45,133	72.0	28.0	6.9	8.8	12.1	0.3	3,143	14.4	5,249	8.6	—	—	—	—	—	2,442	56
Richardson ISD	TX	32,555	34,202	34,655	50.0	50.0	22.1	18.7	8.8	0.4	2,395	14.5	4,359	7.9	—	—	—	—	—	1,793	55
Round Rock ISD	TX	19,636	28,464	30,086	69.2	30.8	7.5	16.8	6.2	0.3	2,125	14.2	3,768	8.0	—	—	—	—	—	1,589	37
San Angelo ISD	TX	16,488	16,730	16,405	47.3	52.7	6.1	45.5	1.0	0.2	1,115	14.7	2,168	7.6	—	—	—	—	—	1,023	28
San Antonio ISD	TX	60,161	59,080	57,565	4.3	95.7	10.1	85.3	0.2	0.1	3,582	16.1	7,031	8.2	—	—	—	—	—	2,499	105
Socorro ISD	TX	14,350	23,566	25,305	7.5	92.5	1.2	90.7	0.4	0.2	1,505	16.8	2,854	8.9	—	—	—	—	—	1,136	23
Spring Branch ISD	TX	23,661	31,104	31,537	38.2	61.8	6.3	48.3	7.2	0.1	2,066	15.3	4,051	7.8	—	—	—	—	—	1,478	41
Spring ISD	TX	18,537	21,863	22,112	44.5	55.5	26.0	23.2	6.1	0.2	1,438	15.4	3,026	7.3	—	—	—	—	—	1,160	25
Tyler ISD	TX	16,182	16,453	16,480	37.6	62.4	36.8	24.6	0.8	0.2	1,154	14.3	2,223	7.4	—	—	—	—	—	892	29
United ISD	TX	12,553	24,194	25,627	3.3	96.7	0.2	96.0	0.5	—	1,598	16.0	3,474	7.4	—	—	—	—	—	1,111	33
Waco ISD	TX	14,304	15,574	15,608	20.3	79.7	39.5	39.7	0.4	0.1	1,003	15.6	2,098	7.4	—	—	—	—	—	493	33
Wichita Falls ISD	TX	15,011	15,293	15,203	62.0	38.0	16.2	18.5	2.6	0.7	1,139	13.3	2,103	7.2	—	—	—	—	—	934	30
Ysleta ISD	TX	49,974	47,238	46,950	9.1	90.9	2.5	87.5	0.5	0.5	3,043	15.4	5,881	8.0	—	—	—	—	—	2,797	60
Alpine	UT	38,852	45,208	45,842	93.1	6.9	0.4	4.3	1.6	0.6	2,013	22.8	2,905	15.8	2.2	0.6	1.7	3.2	3.2	2,853	56
Davis	UT	55,558	59,285	59,486	92.6	7.4	1.1	4.0	1.8	0.5	2,614	22.8	5,152	11.5	1.7	1.5	1.9	1.6	1.6	4,209	82
Granite	UT	78,554	73,474	72,170	78.9	21.1	1.3	12.5	6.2	1.1	3,231	22.3	5,707	12.6	11.6	2.5	9.2	12.0	23.3	4,445	96
Jordan	UT	64,991	73,286	73,111	93.1	6.9	0.4	4.3	1.8	0.5	3,164	23.1	5,653	12.9	4.3	2.0	3.8	4.8	6.6	5,207	81
Nebo	UT	16,393	19,999	20,578	94.4	5.6	0.2	4.1	0.8	0.5	867	23.7	1,599	12.9	2.3	0.2	1.7	2.8	4.5	1,279	30

Table 92.—Selected statistics on enrollment, teachers, graduates and dropouts in public school districts enrolling more than 15,000 students, by state: 1990, 1998, and 1999—Continued

Name of district, by state	State	Enrollment, fall 1990	Enrollment, fall 1998	Enrollment, fall 1999	Percentage distribution of enrollment, by race, fall 1999						Number of classroom teachers,[1] fall 1999	Pupil/teacher ratio, fall 1999	Total number of staff, fall 1999	Student/staff ratio, fall 1999	Percent dropouts from grades 9–12, 1998–99[2]					Number of high school graduates, 1998–99[3]	Number of schools, fall 1999
					White	Minority															
						Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native					Total	Grade 9	Grade 10	Grade 11	Grade 12		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Salt Lake City	UT	24,766	25,521	25,357	58.0	42.0	3.4	27.1	9.3	2.2	1,203	21.1	2,657	9.5	13.8	7.8	9.5	15.0	24.0	1,334	42
Washington	UT	13,264	18,513	18,501	91.8	8.2	0.4	4.1	1.4	2.3	821	22.5	1,458	12.7	2.8	0.0	1.2	3.1	6.7	1,299	32
Weber	UT	25,425	27,805	27,926	91.5	8.5	1.2	5.2	1.5	0.5	1,250	22.3	2,081	13.4	3.2	0.2	1.9	4.8	6.1	1,900	40
Arlington County	VA	14,825	18,121	18,260	42.0	58.0	15.7	32.2	10.0	0.1	1,581	11.5	3,243	5.6	4.0	4.3	3.9	3.6	4.2	819	31
Chesapeake City	VA	29,533	36,724	37,363	62.0	38.0	34.6	1.4	1.7	0.3	2,346	15.9	4,341	8.6	4.4	4.2	4.2	3.2	6.1	2,257	44
Chesterfield County	VA	44,480	50,621	50,847	73.3	26.7	21.6	2.1	2.7	0.4	3,346	15.2	5,610	9.1	5.9	7.7	5.1	4.0	6.4	2,970	59
Fairfax County	VA	128,766	149,029	152,952	62.4	37.6	11.0	11.6	14.6	0.4	10,491	14.6	16,904	9.0	3.5	3.2	3.0	3.5	4.6	9,612	197
Hampton City	VA	21,383	23,541	23,480	39.0	61.0	56.8	2.1	1.9	0.3	1,592	14.7	2,794	8.4	5.7	5.5	6.7	5.5	4.9	1,344	35
Hanover County	VA	11,328	15,831	16,306	88.7	11.3	9.7	0.7	0.8	0.2	1,052	15.5	1,725	9.5	0.6	0.4	0.4	0.8	0.8	937	18
Henrico County	VA	32,638	39,995	40,818	62.1	37.9	32.9	1.5	3.3	0.3	2,520	16.2	4,159	9.8	3.2	2.9	2.9	4.2	2.6	2,225	64
Loudoun County	VA	14,485	26,080	28,787	79.4	20.6	8.7	5.9	5.7	0.3	1,728	16.7	3,188	9.0	3.3	2.7	2.6	3.4	4.9	1,321	44
Newport News City	VA	28,925	33,335	33,290	38.9	61.1	54.1	3.8	2.4	0.9	2,063	16.1	3,912	8.5	5.5	4.5	4.7	5.7	7.4	1,525	44
Norfolk City	VA	36,541	37,852	37,465	29.5	70.5	66.2	2.0	2.1	0.2	2,279	16.4	4,163	9.0	7.4	8.9	7.0	6.0	6.4	1,355	61
Portsmouth City	VA	18,405	17,508	17,046	30.4	69.6	68.0	0.8	0.6	0.1	1,146	14.9	2,045	8.3	4.5	4.3	3.7	5.2	5.2	812	28
Prince William County	VA	41,888	51,111	52,551	62.4	37.6	24.3	8.9	3.9	0.5	3,004	17.5	5,353	9.8	5.5	6.0	4.2	5.3	6.3	2,889	68
Richmond City	VA	27,021	27,621	27,332	8.1	91.9	90.2	1.1	0.6	—	2,176	12.6	3,406	8.0	5.2	8.4	5.1	3.6	2.0	1,001	63
Spotsylvania County	VA	12,227	17,270	18,043	80.1	19.9	15.8	2.4	1.5	0.3	1,227	14.7	2,222	8.1	3.5	4.4	3.4	3.0	2.8	1,028	26
Stafford County	VA	12,555	19,009	19,885	80.2	19.8	15.0	2.6	1.9	0.3	1,223	16.3	2,256	8.8	3.4	2.6	3.1	3.5	4.7	1,179	21
Virginia Beach City	VA	70,266	77,442	77,363	64.4	35.6	26.6	3.4	5.4	0.2	5,014	15.4	8,768	8.8	4.7	6.3	3.8	4.8	3.4	4,244	84
Bellevue	WA	14,748	15,438	15,111	70.5	29.5	3.2	6.4	19.5	0.4	809	18.7	1,565	9.7	—	—	—	—	—	1,042	34
Bethel	WA	11,669	15,581	15,923	75.2	24.8	9.1	4.5	8.6	2.7	741	21.5	1,419	11.2	—	—	—	—	—	663	27
Edmonds	WA	18,868	21,925	21,844	77.6	22.4	3.8	4.9	12.0	1.8	1,047	20.9	2,078	10.5	—	—	—	—	—	1,131	42
Everett	WA	15,343	18,423	18,489	80.4	19.6	3.9	4.7	9.2	1.8	874	21.2	1,634	11.3	—	—	—	—	—	925	33
Evergreen (Clark)	WA	14,810	19,800	20,820	85.3	14.7	3.4	3.6	6.7	1.0	1,090	19.1	1,861	11.2	—	—	—	—	—	944	32
Federal Way	WA	18,158	21,944	22,472	66.6	33.4	11.3	6.8	13.9	1.3	1,087	20.7	2,013	11.2	—	—	—	—	—	1,145	38
Highline	WA	16,208	18,771	18,379	54.6	45.4	11.3	11.6	19.7	2.7	915	20.1	1,753	10.5	—	—	—	—	—	919	34
Kent	WA	21,027	25,901	26,346	73.6	26.4	8.4	5.0	11.8	1.1	1,309	20.1	2,444	10.8	—	—	—	—	—	1,411	43
Lake Washington	WA	23,050	24,492	24,229	82.8	17.2	2.2	4.1	10.2	0.7	1,141	21.2	2,095	11.6	—	—	—	—	—	1,699	51
Northshore	WA	17,511	20,097	20,249	85.6	14.4	1.8	3.8	7.8	0.9	975	20.8	1,808	11.2	—	—	—	—	—	1,367	35
Puyallup	WA	15,100	19,591	19,617	86.2	13.8	2.9	3.9	5.2	1.8	961	20.4	1,827	10.7	—	—	—	—	—	1,151	32
Seattle	WA	43,593	48,280	47,989	40.2	59.8	23.2	9.7	24.1	2.9	2,492	19.3	4,805	10.0	—	—	—	—	—	2,908	118
Spokane	WA	29,186	32,403	32,384	86.7	13.3	4.2	2.5	2.9	3.6	1,701	19.0	3,187	10.2	—	—	—	—	—	2,262	66
Tacoma	WA	30,169	32,940	33,556	58.4	41.6	19.8	6.6	13.1	2.1	1,659	20.2	3,283	10.2	—	—	—	—	—	1,500	72
Vancouver	WA	16,423	21,454	21,555	82.1	17.9	4.3	7.0	4.6	2.0	1,042	20.7	2,016	10.7	—	—	—	—	—	1,074	39
Kanawha County	WV	34,264	30,790	30,106	87.9	12.1	10.6	0.4	1.0	0.1	2,066	14.6	3,865	7.8	5.0	4.6	5.3	5.0	5.2	2,033	87
Green Bay Area	WI	18,048	19,537	19,540	77.6	22.4	2.5	6.0	9.1	4.8	1,308	14.9	2,380	8.2	2.8	0.1	0.4	2.0	9.3	1,117	36
Kenosha	WI	16,219	19,562	19,651	74.7	25.3	12.8	10.9	1.3	0.4	1,254	15.7	2,203	8.9	4.0	0.7	3.6	7.0	5.4	1,282	39
Madison Metropolitan	WI	23,214	25,113	24,943	66.1	33.9	17.7	5.9	9.7	0.7	1,956	12.8	3,677	6.8	4.4	3.2	4.5	5.1	5.2	1,478	50
Milwaukee	WI	92,784	99,814	99,729	19.5	80.5	61.2	14.2	4.2	1.0	5,992	16.6	11,696	8.5	11.9	13.4	11.6	10.2	10.9	3,398	202
Racine	WI	21,904	21,702	21,250	61.6	38.4	25.0	12.0	1.1	0.3	1,312	16.2	2,442	8.7	4.4	2.5	4.9	5.1	6.3	1,171	35

—Not available.

[1] Data exclude teachers reported as working in school district offices rather than in schools.

[2] Alaska, Arizona, Colorado, Idaho, Illinois, Maryland, New Jersey, South Dakota, Tennessee, Virginia, Vermont, and Wisconsin reported data on an alternative July through June cycle, rather than the specified October through September cycle.

[3] Includes regular and other high school diplomas.

SB=School board.
SC=School corporation.
ISD=Independent school district.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared October 2001.)

Table 93.—Revenues and expenditures of public school districts enrolling more than 15,000 students, by state: 1997–98

Name of district, by state	State	Revenues by source of funds, in thousands				Percentage distribution of revenues				Expenditures, in thousands					Poverty rate of 5- to 17-year-olds, 1996–97	Current expenditure per pupil [1]
		Total	Federal	State	Local	Total	Federal	State	Local	Total [2]	Current expenditures		Capital outlay	Interest on school debt		
											Total	Instruction				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Districts with more than 15,000 students	—	**$130,865,131**	**$9,653,141**	**$64,867,715**	**$56,344,275**	**100.0**	**7.4**	**49.6**	**43.1**	**$133,030,313**	**$112,144,636**	**$69,561,233**	**$14,658,288**	**$3,005,078**	**21.4**	**$5,887**
Baldwin County	AL	127,078	7,741	69,434	49,903	100.0	6.1	54.6	39.3	138,146	105,588	65,703	26,472	3,250	16.4	4,850
Birmingham City	AL	218,632	25,145	136,554	56,933	100.0	11.5	62.5	26.0	222,064	203,044	122,418	13,237	428	31.1	5,098
Huntsville City	AL	147,390	10,140	78,859	58,391	100.0	6.9	53.5	39.6	150,129	138,428	86,716	8,875	435	18.0	5,748
Jefferson County	AL	233,847	16,782	141,118	75,947	100.0	7.2	60.3	32.5	236,813	219,861	135,509	6,541	4,461	9.1	5,207
Madison County	AL	105,411	5,429	66,749	33,233	100.0	5.2	63.3	31.5	119,434	86,098	51,375	27,901	3,215	13.8	4,347
Mobile County	AL	330,778	38,822	220,946	71,010	100.0	11.7	66.8	21.5	349,729	289,253	178,375	50,315	2,771	26.7	4,434
Montgomery County	AL	175,676	20,624	117,340	37,712	100.0	11.7	66.8	21.5	176,644	158,357	95,964	12,067	434	23.9	4,576
Shelby County	AL	111,962	5,356	62,168	44,438	100.0	4.8	55.5	39.7	124,036	94,176	54,884	24,153	3,819	11.1	4,998
Tuscaloosa County	AL	82,550	5,555	53,475	23,520	100.0	6.7	64.8	28.5	96,913	72,334	47,256	19,067	1,955	17.4	4,663
Anchorage	AK	360,721	31,550	225,910	103,261	100.0	8.7	62.6	28.6	388,045	320,093	207,432	58,232	8,127	11.9	6,547
Fairbanks North Star Borough	AK	123,541	7,723	83,567	32,251	100.0	6.3	67.6	26.1	123,394	116,754	74,832	3,050	3,173	12.1	7,106
Amphitheater Unified	AZ	89,919	5,770	36,863	47,286	100.0	6.4	41.0	52.6	87,643	69,580	37,276	9,680	8,361	20.5	4,248
Cartwright Elementary	AZ	85,789	9,231	50,040	26,518	100.0	10.8	58.3	30.9	78,061	71,426	46,030	6,026	0	18.0	4,444
Chandler Unified	AZ	98,326	5,680	43,322	49,324	100.0	5.8	44.1	50.2	125,771	71,211	42,722	46,501	6,899	25.7	3,989
Deer Valley Unified	AZ	131,365	4,233	51,349	75,783	100.0	3.2	39.1	57.7	141,638	100,101	60,982	26,756	12,353	7.8	4,354
Gilbert Unified	AZ	115,236	3,228	55,714	56,294	100.0	2.8	48.3	48.9	142,047	81,876	49,965	56,887	2,152	8.6	3,771
Kyrene Elementary	AZ	111,523	2,246	46,582	62,695	100.0	2.0	41.8	56.2	89,384	76,838	44,887	6,849	2,333	6.3	3,987
Mesa Unified	AZ	387,000	23,080	189,593	174,327	100.0	6.0	49.0	45.0	404,187	322,482	203,610	65,205	12,134	13.1	4,622
Paradise Valley Unified	AZ	193,750	7,386	80,624	105,740	100.0	3.8	41.6	54.6	198,402	150,461	94,829	27,431	16,068	7.6	4,428
Peoria Unified	AZ	152,490	5,201	80,524	66,765	100.0	3.4	52.8	43.8	158,354	122,074	76,390	25,267	9,049	8.1	4,127
Phoenix Union High	AZ	188,304	12,336	26,695	149,273	100.0	6.6	14.2	79.3	192,239	129,081	70,088	50,106	10,903	26.2	5,792
Scottsdale Unified	AZ	147,961	4,287	35,581	108,093	100.0	2.9	24.0	73.1	150,263	119,924	70,024	16,744	13,280	6.4	4,611
Tucson Unified	AZ	358,366	37,275	160,886	160,205	100.0	10.4	44.9	44.7	340,676	298,862	170,503	17,512	22,524	22.6	4,783
Washington Elementary	AZ	143,227	10,987	59,366	72,874	100.0	7.7	41.4	50.9	173,888	110,728	71,085	51,848	6,407	12.9	4,406
Little Rock	AR	175,449	10,826	68,670	95,953	100.0	6.2	39.1	54.7	173,617	156,973	92,577	3,421	2,841	19.1	6,307
Pulaski County Special	AR	124,481	8,539	70,574	45,368	100.0	6.9	56.7	36.4	123,726	111,938	63,343	3,670	2,153	15.8	5,589
ABC Unified	CA	135,883	8,099	94,886	32,898	100.0	6.0	69.8	24.2	126,741	110,976	75,019	7,009	11	13.7	5,017
Alum Rock Union Elementary	CA	111,067	9,196	64,179	37,692	100.0	8.3	57.8	33.9	113,872	85,868	54,938	27,158	846	28.3	5,350
Alvord Unified	CA	89,715	5,323	64,187	20,205	100.0	5.9	71.5	22.5	90,977	80,873	52,700	9,519	316	19.0	4,768
Anaheim Elementary	CA	109,681	5,498	63,023	41,160	100.0	5.0	57.5	37.5	97,981	92,282	65,549	5,566	0	26.4	4,585
Anaheim Union High	CA	165,563	13,455	95,440	56,668	100.0	8.1	57.6	34.2	162,519	149,744	84,775	3,638	0	21.0	5,627
Antelope Valley Union High	CA	89,232	4,269	58,887	26,076	100.0	4.8	66.0	29.2	91,577	80,403	47,492	9,028	0	11.6	4,964
Antioch Unified	CA	94,684	4,324	58,486	31,874	100.0	4.6	61.8	33.7	103,099	84,156	54,560	18,123	0	12.9	4,852
Bakersfield City Elementary	CA	169,678	20,364	125,784	23,530	100.0	12.0	74.1	13.9	171,351	154,997	98,327	13,902	1,959	44.2	5,743
Baldwin Park Unified	CA	100,106	10,136	69,645	20,325	100.0	10.1	69.6	20.3	93,717	79,530	48,906	4,148	517	25.8	4,755
Burbank Unified	CA	98,256	4,490	51,970	41,796	100.0	4.6	52.9	42.5	90,323	76,524	49,551	11,676	0	16.0	5,308
Cajon Valley Union Elementary	CA	111,857	9,268	76,201	26,388	100.0	8.3	68.1	23.6	107,638	101,929	66,146	5,646	0	19.4	5,305
Capistrano Unified	CA	223,935	6,899	102,503	114,533	100.0	3.1	45.8	51.1	220,420	201,233	129,613	15,715	24	7.7	5,009
Chaffey Union High	CA	103,867	3,336	69,805	30,726	100.0	3.2	67.2	29.6	96,846	87,049	54,185	4,721	0	16.2	4,847
Chino Unified	CA	163,239	5,326	115,143	42,770	100.0	3.3	70.5	26.2	158,098	143,614	96,498	12,016	38	11.3	4,771
Chula Vista Elementary	CA	133,219	9,023	76,735	47,461	100.0	6.8	57.6	35.6	131,306	105,987	71,246	23,203	1,095	18.9	5,111
Clovis Unified	CA	228,635	7,959	140,738	79,938	100.0	3.5	61.6	35.0	228,188	157,365	95,276	57,699	8,975	15.1	5,083
Colton Joint Unified	CA	109,826	8,672	84,466	16,688	100.0	7.9	76.9	15.2	109,556	97,349	59,824	10,231	0	26.8	4,796
Compton Unified	CA	189,261	23,465	131,619	34,177	100.0	12.4	69.5	18.1	170,817	148,901	83,739	15,939	220	47.5	5,076
Conejo Valley Unified	CA	117,557	3,683	54,901	58,973	100.0	3.1	46.7	50.2	118,712	99,574	64,225	15,974	3	7.1	5,153
Corona-Norco Unified	CA	244,840	9,019	188,821	47,000	100.0	3.7	77.1	19.2	220,448	159,603	102,154	59,544	0	14.4	5,109
Cupertino Union Elementary	CA	87,543	1,836	29,421	56,286	100.0	2.1	33.6	64.3	97,225	73,833	48,899	20,864	2,447	6.1	4,914
Desert Sands Unified	CA	138,348	7,358	76,464	54,526	100.0	5.3	55.3	39.4	128,937	103,224	63,851	25,221	0	26.7	4,889
Downey Unified	CA	108,671	6,898	72,019	29,754	100.0	6.3	66.3	27.4	117,440	93,533	60,888	18,862	390	14.9	4,745
East Side Union High	CA	175,854	6,671	92,667	76,516	100.0	3.8	52.7	43.5	168,689	135,787	82,598	18,681	2,618	17.0	5,705
Elk Grove Unified	CA	268,156	13,349	179,426	75,381	100.0	5.0	66.9	28.1	255,528	211,971	134,918	28,885	6,455	21.1	5,273
Escondido Union Elementary	CA	101,445	7,024	63,960	30,461	100.0	6.9	63.0	30.0	96,170	88,028	57,040	6,821	1,265	19.4	4,905
Fairfield-Suisun Unified	CA	122,772	5,292	82,287	35,193	100.0	4.3	67.0	28.7	118,379	98,739	66,217	15,347	190	16.3	4,599
Folsom-Cordova Unified	CA	108,308	4,070	49,505	54,733	100.0	3.8	45.7	50.5	107,951	69,870	42,731	37,312	0	18.4	4,926
Fontana Unified	CA	206,070	14,793	160,304	30,973	100.0	7.2	77.8	15.0	221,326	179,982	103,660	37,017	3,563	23.0	5,400
Fremont Unified	CA	194,320	5,788	106,416	82,116	100.0	3.0	54.8	42.3	197,239	162,332	109,979	24,488	3,806	5.3	5,331
Fresno Unified	CA	489,507	59,951	336,987	92,569	100.0	12.2	68.8	18.9	478,413	421,972	258,272	42,572	4,730	43.4	5,398

Table 93.—Revenues and expenditures of public school districts enrolling more than 15,000 students, by state: 1997–98—Continued

Name of district, by state	State	Revenues by source of funds, in thousands				Percentage distribution of revenues				Expenditures, in thousands					Poverty rate of 5- to 17-year-olds, 1996–97	Current expenditure per pupil[1]
		Total	Federal	State	Local	Total	Federal	State	Local	Total[2]	Current expenditures		Capital outlay	Interest on school debt		
											Total	Instruction				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Garden Grove Unified	CA	267,436	23,763	157,853	85,820	100.0	8.9	59.0	32.1	267,498	241,603	153,684	21,914	0	22.4	5,278
Glendale Unified	CA	187,755	17,855	108,737	61,163	100.0	9.5	57.9	32.6	183,453	157,127	102,140	24,520	778	29.0	5,206
Grossmont Union High	CA	158,805	7,405	87,555	63,845	100.0	4.7	55.1	40.2	149,430	119,320	70,575	20,813	1,576	8.7	5,220
Hacienda La Puente Unified	CA	160,112	13,071	113,453	33,588	100.0	8.2	70.9	21.0	163,378	115,599	70,577	22,190	0	15.7	5,096
Hayward Unified	CA	160,991	11,428	90,401	59,162	100.0	7.1	56.2	36.7	174,273	118,231	75,501	44,699	651	17.2	5,310
Hemet Unified	CA	96,164	6,260	68,861	21,043	100.0	6.5	71.6	21.9	91,323	77,874	50,474	12,162	793	22.7	4,992
Hesperia Unified	CA	79,491	5,254	57,880	16,357	100.0	6.6	72.8	20.6	85,595	75,170	48,848	10,332	0	20.8	4,920
Inglewood Unified	CA	94,603	10,523	60,986	23,094	100.0	11.1	64.5	24.4	87,910	79,368	49,400	3,148	263	27.3	4,631
Irvine Unified	CA	135,591	4,322	56,068	75,201	100.0	3.2	41.4	55.5	129,231	119,809	77,598	7,668	348	5.4	5,195
Jurupa Unified	CA	99,677	5,686	73,506	20,485	100.0	5.7	73.7	20.6	99,030	91,222	59,118	7,296	0	18.0	5,088
Kern Union High	CA	193,842	11,444	96,843	85,555	100.0	5.9	50.0	44.1	180,236	141,015	77,832	26,400	4,640	31.3	5,250
Lake Elsinore Unified	CA	97,101	5,076	68,096	23,929	100.0	5.2	70.1	24.6	100,861	75,228	47,141	24,651	572	14.3	4,990
Lodi Unified	CA	146,836	10,420	100,402	36,014	100.0	7.1	68.4	24.5	143,093	130,359	81,688	11,999	0	24.2	5,069
Long Beach Unified	CA	550,591	64,707	367,040	118,844	100.0	11.8	66.7	21.6	515,196	452,084	278,380	53,575	1,436	33.3	5,262
Los Angeles Unified	CA	4,923,865	454,279	3,265,698	1,203,888	100.0	9.2	66.3	24.5	4,618,160	4,089,625	2,573,965	388,648	9,318	36.0	6,010
Lynwood Unified	CA	97,526	7,958	65,424	24,144	100.0	8.2	67.1	24.8	94,989	77,974	52,633	13,890	716	34.7	4,866
Madera Unified	CA	95,394	7,564	65,328	22,502	100.0	7.9	68.5	23.6	90,762	82,675	50,054	5,582	0	42.5	5,149
Manteca Unified	CA	89,759	4,278	59,964	25,517	100.0	4.8	66.8	28.4	89,100	75,658	47,629	10,529	0	16.3	4,633
Modesto City Elementary	CA	190,659	15,028	119,416	56,215	100.0	7.9	62.6	29.5	181,156	165,798	111,398	10,273	2,968	36.9	5,282
Montebello Unified	CA	210,287	24,909	129,020	56,358	100.0	11.8	61.4	26.8	204,839	168,624	106,162	23,253	1,248	34.8	4,993
Moreno Valley Unified	CA	169,541	12,781	128,848	27,912	100.0	7.5	76.0	16.5	164,960	152,617	95,961	9,618	30	15.7	4,857
Mt. Diablo Unified	CA	210,823	9,323	112,572	88,928	100.0	4.4	53.4	42.2	204,858	184,792	117,382	7,117	5,822	10.0	5,156
Napa Valley Unified	CA	96,149	4,584	38,933	52,632	100.0	4.8	40.5	54.7	99,056	77,960	49,001	18,797	230	14.0	4,859
Newport-Mesa Unified	CA	116,750	6,331	32,437	77,982	100.0	5.4	27.8	66.8	120,487	105,903	64,156	11,336	258	13.8	5,232
Norwalk-La Mirada Unified	CA	133,138	9,916	91,563	31,659	100.0	7.4	68.8	23.8	132,502	111,001	67,396	16,270	0	12.9	4,994
Oakland Unified	CA	417,271	35,671	270,498	111,102	100.0	8.5	64.8	26.6	419,873	327,563	199,727	78,106	3,163	35.2	6,115
Oceanside City Unified	CA	122,662	10,455	76,385	35,822	100.0	8.5	62.3	29.2	119,014	103,341	65,580	14,228	265	21.2	4,946
Ontario-Montclair Elementary	CA	151,059	13,016	115,481	22,562	100.0	8.6	76.4	14.9	146,542	124,809	83,695	21,229	0	32.4	5,063
Orange Unified	CA	163,414	8,037	71,538	83,839	100.0	4.9	43.8	51.3	157,716	143,958	88,473	12,828	679	12.5	4,922
Oxnard Elementary	CA	89,849	8,618	57,682	23,549	100.0	9.6	64.2	26.2	89,264	78,871	49,682	8,323	1,842	30.6	5,370
Pajaro Valley Joint Unified	CA	119,812	13,199	69,625	36,988	100.0	11.0	58.1	30.9	114,944	101,582	62,109	10,887	508	24.2	5,376
Palm Springs Unified	CA	112,373	7,509	66,469	38,395	100.0	6.7	59.2	34.2	128,081	92,313	56,252	31,866	3,184	30.1	4,947
Palmdale Elementary	CA	148,062	13,587	102,263	32,212	100.0	9.2	69.1	21.8	126,060	93,427	58,918	29,996	1,748	16.9	4,944
Paramount Unified	CA	95,067	9,045	66,350	19,672	100.0	9.5	69.8	20.7	103,652	83,133	49,777	17,202	1,180	30.1	5,131
Pasadena Unified	CA	155,096	14,824	90,163	50,109	100.0	9.6	58.1	32.3	148,395	137,702	81,981	10,597	0	24.8	6,035
Placentia-Yorba Linda Unified	CA	143,651	5,395	76,875	61,381	100.0	3.8	53.5	42.7	135,334	123,414	78,628	9,489	0	10.3	4,959
Pomona Unified	CA	234,989	28,046	161,597	45,346	100.0	11.9	68.8	19.3	204,297	159,982	96,332	32,450	3,338	30.6	4,989
Poway Unified	CA	182,869	4,431	100,210	78,228	100.0	2.4	54.8	42.8	176,034	156,647	102,589	17,788	363	5.2	4,998
Redlands Unified	CA	109,073	5,533	71,829	31,711	100.0	5.1	65.9	29.1	113,414	94,083	58,797	15,389	1,893	18.7	5,062
Rialto Unified	CA	190,644	10,220	141,483	38,941	100.0	5.4	74.2	20.4	160,982	123,858	74,178	36,470	8	24.1	4,866
Riverside Unified	CA	277,431	14,104	211,423	51,904	100.0	5.1	76.2	18.7	238,988	187,716	115,788	45,787	595	20.4	5,232
Rowland Unified	CA	107,959	7,692	75,571	24,696	100.0	7.1	70.0	22.9	108,822	95,723	58,720	10,363	0	14.5	5,081
Sacramento City Unified	CA	330,348	34,405	205,975	89,968	100.0	10.4	62.4	27.2	316,435	278,937	181,050	26,464	398	38.4	5,465
Saddleback Valley Unified	CA	183,793	4,736	93,436	85,621	100.0	2.6	50.8	46.6	177,876	161,448	109,625	12,133	64	4.3	4,867
San Bernardino City Unified	CA	287,304	29,798	216,334	41,172	100.0	10.4	75.3	14.3	316,953	275,225	162,114	36,985	0	44.0	5,808
San Diego City Unified	CA	982,542	78,081	472,515	431,946	100.0	7.9	48.1	44.0	875,420	806,319	481,752	43,324	24,375	28.0	5,917
San Francisco Unified	CA	453,242	30,030	183,672	239,540	100.0	6.6	40.5	52.9	468,458	367,956	245,974	65,746	0	21.7	6,031
San Jose Unified	CA	264,475	14,010	104,150	146,315	100.0	5.3	39.4	55.3	237,421	200,703	124,280	30,200	336	15.5	6,083
San Juan Unified	CA	338,235	20,232	234,077	83,926	100.0	6.0	69.2	24.8	320,916	262,522	160,331	52,563	714	14.4	5,488
San Ramon Valley Unified	CA	122,055	1,704	43,735	76,616	100.0	1.4	35.8	62.8	112,184	97,637	65,303	9,871	4,368	2.9	5,000
Santa Ana Unified	CA	354,515	28,968	230,082	95,465	100.0	8.2	64.9	26.9	320,749	281,788	184,648	36,772	590	32.1	5,237
Simi Valley Unified	CA	122,273	4,906	73,359	44,008	100.0	4.0	60.0	36.0	120,429	96,563	61,631	15,262	1,706	4.9	4,960
Stockton City Unified	CA	229,218	22,873	158,081	48,264	100.0	10.0	69.0	21.1	225,724	204,638	124,292	18,574	9	40.0	5,741
Sweetwater Union High	CA	208,488	16,886	147,952	43,650	100.0	8.1	71.0	20.9	215,020	173,668	104,694	28,097	233	25.1	5,471
Temecula Valley Unified	CA	89,472	2,248	54,566	32,658	100.0	2.5	61.0	36.5	80,295	68,657	44,607	7,196	3,412	8.4	4,698
Torrance Unified	CA	133,094	4,107	82,572	46,415	100.0	3.1	62.0	34.9	123,810	111,573	70,685	5,035	0	10.0	4,764
Tustin Unified	CA	88,179	3,793	40,055	44,331	100.0	4.3	45.4	50.3	82,040	74,156	47,200	6,349	0	10.3	4,855
Vallejo City Unified	CA	123,230	7,072	78,829	37,329	100.0	5.7	64.0	30.3	137,772	98,376	59,748	30,134	2,040	19.1	4,944
Ventura Unified	CA	106,001	5,704	59,242	41,055	100.0	5.4	55.9	38.7	97,220	84,095	51,280	7,851	256	14.7	4,926
Visalia Unified	CA	143,827	11,667	100,709	31,451	100.0	8.1	70.0	21.9	136,206	122,803	79,810	6,385	793	31.8	5,021
Vista Unified	CA	163,495	7,446	111,346	44,703	100.0	4.6	68.1	27.3	160,134	139,846	89,258	17,127	1,252	18.3	5,383
West Contra Costa Unified	CA	203,691	16,639	123,466	63,586	100.0	8.2	60.6	31.2	200,951	188,563	121,077	9,258	987	23.8	5,695

Table 93.—Revenues and expenditures of public school districts enrolling more than 15,000 students, by state: 1997–98—Continued

Name of district, by state	State	Revenues by source of funds, in thousands				Percentage distribution of revenues				Expenditures, in thousands					Poverty rate of 5- to 17-year-olds, 1996–97	Current expenditure per pupil[1]
		Total	Federal	State	Local	Total	Federal	State	Local	Total[2]	Current expenditures		Capital outlay	Interest on school debt		
											Total	Instruction				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
William S. Hart Union High	CA	83,341	2,518	54,071	26,752	100.0	3.0	64.9	32.1	80,311	71,567	42,771	6,832	12	5.0	5,067
Academy 20	CO	91,225	3,813	45,041	42,371	100.0	4.2	49.4	46.4	129,789	82,045	48,861	39,398	8,182	3.5	5,368
Adams-Arapahoe	CO	187,473	9,702	99,465	78,306	100.0	5.2	53.1	41.8	203,185	167,091	101,707	26,192	9,692	14.3	5,842
Boulder Valley	CO	160,059	5,587	30,315	124,157	100.0	3.5	18.9	77.6	163,726	133,969	86,521	20,353	5,721	9.3	5,115
Cherry Creek	CO	268,627	5,894	86,468	176,265	100.0	2.2	32.2	65.6	305,198	229,930	146,886	60,086	14,228	4.8	5,953
Colorado Springs	CO	188,272	9,109	89,175	89,988	100.0	4.8	47.4	47.8	230,681	183,774	102,961	38,880	7,247	12.9	5,600
Denver County	CO	449,616	39,100	143,271	267,245	100.0	8.7	31.9	59.4	451,733	389,438	227,038	23,969	34,583	24.8	5,739
Douglas County	CO	172,550	2,596	66,732	103,222	100.0	1.5	38.7	59.8	197,246	155,250	88,934	32,040	9,662	2.4	5,692
Greeley	CO	85,250	6,140	43,441	35,669	100.0	7.2	51.0	41.8	90,584	77,776	47,036	8,246	4,198	17.3	5,478
Jefferson County	CO	549,776	15,338	238,697	295,741	100.0	2.8	43.4	53.8	613,875	554,224	276,773	28,755	22,013	6.7	6,298
Littleton	CO	99,318	2,167	43,380	53,771	100.0	2.2	43.7	54.1	116,836	85,794	54,160	27,295	3,195	6.5	5,327
Mesa County Valley	CO	105,576	6,282	61,177	38,117	100.0	6.0	57.9	36.1	137,448	92,394	60,902	41,045	2,994	16.2	4,864
Northglenn-Thornton	CO	166,012	6,409	90,243	69,360	100.0	3.9	54.4	41.8	186,671	139,653	83,482	35,711	8,590	8.9	5,226
Poudre	CO	141,500	5,645	51,288	84,567	100.0	4.0	36.2	59.8	152,899	130,831	68,844	12,125	9,148	10.7	5,732
Pueblo City	CO	96,008	9,184	59,519	27,305	100.0	9.6	62.0	28.4	94,238	90,638	53,868	2,005	1,036	24.4	5,044
St. Vrain Valley	CO	104,618	3,449	44,999	56,170	100.0	3.3	43.0	53.7	101,270	85,674	52,407	9,415	4,997	8.0	4,793
Bridgeport	CT	193,654	18,238	135,066	40,350	100.0	9.4	69.7	20.8	189,743	180,167	118,975	1,969	2,188	37.8	8,128
Hartford	CT	271,054	28,525	189,002	53,527	100.0	10.5	69.7	19.7	264,529	251,134	174,397	3,972	4,462	54.0	10,835
New Haven	CT	204,046	25,047	136,901	42,098	100.0	12.3	67.1	20.6	199,177	184,593	117,800	1,206	2,383	47.9	9,522
Waterbury School District	CT	140,867	10,840	82,672	47,355	100.0	7.7	58.7	33.6	140,694	135,826	82,352	1,089	447	29.3	9,191
Christina	DE	176,730	8,425	109,366	58,939	100.0	4.8	61.9	33.3	181,056	153,229	96,069	19,320	1,779	13.7	7,497
Red Clay Consolidated	DE	132,425	6,473	73,294	52,658	100.0	4.9	55.3	39.8	123,826	119,620	76,523	2,181	0	11.3	7,614
District of Columbia	DC	706,938	116,366	0	590,572	100.0	16.5	0.0	83.5	716,740	653,460	283,484	59,891	0	33.1	8,474
Alachua County	FL	206,598	18,507	117,576	70,515	100.0	9.0	56.9	34.1	188,246	155,721	84,386	18,230	9,661	22.1	5,180
Bay County	FL	159,480	14,241	92,269	52,970	100.0	8.9	57.9	33.2	152,964	133,016	78,395	12,497	2,139	21.3	5,109
Brevard County	FL	411,105	23,442	222,757	164,906	100.0	5.7	54.2	40.1	415,187	326,946	199,548	75,007	10,528	16.0	4,817
Broward County	FL	1,552,136	99,409	796,726	656,001	100.0	6.4	51.3	42.3	1,470,830	1,225,903	678,498	151,390	37,272	15.9	5,453
Charlotte County	FL	111,067	6,122	37,357	67,588	100.0	5.5	33.6	60.9	106,706	87,364	48,765	15,470	1,632	16.7	5,362
Clay County	FL	148,344	6,481	99,549	42,314	100.0	4.4	67.1	28.5	151,624	124,816	73,515	24,328	1,558	10.0	4,665
Collier County	FL	244,917	17,674	44,116	183,127	100.0	7.2	18.0	74.8	243,960	177,405	108,553	51,164	10,390	19.0	6,063
Dade County	FL	2,557,027	202,952	1,352,586	1,001,489	100.0	7.9	52.9	39.2	2,501,659	2,058,971	1,218,251	262,181	80,793	26.1	5,952
Duval County	FL	763,122	57,096	418,781	287,245	100.0	7.5	54.9	37.6	761,889	640,163	379,372	103,903	10,900	17.6	5,041
Escambia County	FL	292,925	28,893	183,293	80,739	100.0	9.9	62.6	27.6	271,432	238,456	130,686	23,918	5,022	23.3	5,174
Hernando County	FL	101,540	6,092	49,207	46,241	100.0	6.0	48.5	45.5	92,822	78,286	43,160	9,261	4,534	21.9	4,859
Hillsborough County	FL	1,056,290	96,580	604,771	354,939	100.0	9.1	57.3	33.6	1,055,110	837,887	478,260	144,935	27,729	19.7	5,484
Lake County	FL	165,876	10,575	90,526	64,775	100.0	6.4	54.6	39.1	160,639	131,458	74,414	22,686	555	20.1	4,846
Lee County	FL	379,424	26,256	123,728	229,440	100.0	6.9	32.6	60.5	386,894	309,092	172,966	59,125	12,644	18.3	5,746
Leon County	FL	219,131	14,219	117,293	87,619	100.0	6.5	53.5	40.0	214,575	170,863	95,551	31,005	5,637	16.0	5,437
Manatee County	FL	246,449	15,554	98,339	132,556	100.0	6.3	39.9	53.8	298,561	186,000	106,751	102,369	5,585	19.2	5,517
Marion County	FL	229,731	19,196	136,180	74,355	100.0	8.4	59.3	32.4	207,589	187,862	108,962	12,622	4,509	24.1	5,050
Martin County	FL	119,470	6,974	23,768	88,728	100.0	5.8	19.9	74.3	108,471	86,949	48,797	16,902	571	16.3	5,626
Okaloosa County	FL	196,762	14,716	97,746	84,300	100.0	7.5	49.7	42.8	193,755	151,044	88,692	37,186	2,782	14.3	4,982
Orange County	FL	882,431	48,450	389,995	443,986	100.0	5.5	44.2	50.3	899,125	708,203	392,491	140,294	16,104	17.6	5,292
Osceola County	FL	187,698	8,831	99,884	78,983	100.0	4.7	53.2	42.1	177,265	141,833	77,601	27,552	5,338	18.6	4,936
Palm Beach County	FL	1,079,586	77,197	337,470	664,919	100.0	7.2	31.3	61.6	1,027,212	797,307	497,096	132,842	35,790	17.0	5,586
Pasco County	FL	286,493	20,988	164,934	100,571	100.0	7.3	57.6	35.1	282,410	238,897	135,861	31,413	9,938	20.0	5,336
Pinellas County	FL	734,162	44,368	345,502	344,292	100.0	6.0	47.1	46.9	681,336	582,428	345,483	78,258	50	17.4	5,328
Polk County	FL	466,587	38,452	280,194	147,941	100.0	8.2	60.1	31.7	447,757	399,916	227,293	31,379	7,182	22.4	5,228
Saint Johns County	FL	120,719	5,672	49,868	65,179	100.0	4.7	41.3	54.0	108,283	90,655	52,461	9,165	2,972	14.2	5,209
Saint Lucie County	FL	185,545	16,048	82,322	87,175	100.0	8.6	44.4	47.0	212,559	151,630	83,905	51,976	8,536	22.6	5,360
Santa Rosa County	FL	141,384	8,843	94,115	38,426	100.0	6.3	66.6	27.2	129,699	104,301	60,130	21,449	1,593	16.1	4,837
Sarasota County	FL	273,733	12,316	63,012	198,405	100.0	4.5	23.0	72.5	246,585	206,745	121,407	26,004	5,067	14.2	6,235
Seminole County	FL	345,773	13,350	186,008	146,415	100.0	3.9	53.8	42.3	341,509	279,096	168,837	45,172	16,312	12.9	4,904
Volusia County	FL	377,724	23,565	184,658	169,501	100.0	6.2	48.9	44.9	348,910	306,339	182,341	32,350	9,069	20.0	5,165
Atlanta City	GA	585,318	45,122	179,768	360,428	100.0	7.7	30.7	61.6	498,815	452,864	266,823	42,305	0	42.4	7,545
Bibb County	GA	151,610	15,877	80,551	55,182	100.0	10.5	53.1	36.4	149,287	141,353	87,256	5,207	1,689	29.5	5,728
Chatham County	GA	252,016	18,139	116,771	117,106	100.0	7.2	46.3	46.5	260,310	201,832	131,206	49,322	7,814	27.[illegible]	5,[illegible]86

Table 93.—Revenues and expenditures of public school districts enrolling more than 15,000 students, by state: 1997–98—Continued

Name of district, by state	State	Revenues by source of funds, in thousands				Percentage distribution of revenues				Expenditures, in thousands					Poverty rate of 5- to 17-year-olds, 1996–97	Current expenditure per pupil[1]
		Total	Federal	State	Local	Total	Federal	State	Local	Total[2]	Current expenditures		Capital outlay	Interest on school debt		
											Total	Instruction				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Cherokee County	GA	152,702	4,762	73,012	74,928	100.0	3.1	47.8	49.1	136,158	122,245	77,585	9,718	4,195	9.1	5,264
Clayton County	GA	283,902	16,252	142,734	124,916	100.0	5.7	50.3	44.0	259,409	232,906	143,561	24,935	1,084	19.7	5,457
Cobb County	GA	585,362	16,216	286,060	283,086	100.0	2.8	48.9	48.4	585,250	476,326	318,878	88,671	18,146	8.1	5,396
Columbia County	GA	101,061	3,799	57,971	39,291	100.0	3.8	57.4	38.9	94,552	85,800	56,218	5,576	3,027	10.8	4,682
Coweta County	GA	101,646	4,581	54,177	42,888	100.0	4.5	53.3	42.2	97,653	78,074	49,988	16,264	2,606	15.8	5,223
De Kalb County	GA	638,780	30,834	274,376	333,570	100.0	4.8	43.0	52.2	605,372	569,958	349,031	30,551	4,791	15.8	6,204
Dougherty	GA	119,723	13,010	69,159	37,554	100.0	10.9	57.8	31.4	112,065	104,535	60,929	7,298	81	33.4	5,989
Douglas County	GA	102,744	4,162	59,505	39,077	100.0	4.1	57.9	38.0	105,949	90,075	54,631	11,400	4,474	13.6	5,464
Fayette County	GA	119,872	2,318	61,772	55,782	100.0	1.9	51.5	46.5	132,284	97,739	63,605	27,592	5,433	5.3	5,336
Forsyth County	GA	98,260	2,080	35,957	60,223	100.0	2.1	36.6	61.3	128,776	71,934	43,451	50,428	6,295	7.9	5,568
Fulton County	GA	549,589	15,594	183,109	350,886	100.0	2.8	33.3	63.8	471,929	400,161	239,076	54,063	17,307	11.1	6,372
Gwinnett County	GA	658,850	15,163	298,325	345,362	100.0	2.3	45.3	52.4	635,429	510,392	340,897	86,897	22,502	7.6	5,458
Hall County	GA	108,787	6,977	59,361	42,449	100.0	6.4	54.6	39.0	104,869	93,080	60,103	8,488	2,036	14.6	5,127
Henry County	GA	112,038	3,331	56,595	52,112	100.0	3.0	50.5	46.5	112,179	92,957	60,366	14,989	4,233	9.7	4,974
Houston County	GA	131,758	7,762	76,850	47,146	100.0	5.9	58.3	35.8	133,070	110,570	70,506	18,381	3,546	18.5	5,432
Muscogee County	GA	215,147	13,618	127,308	74,221	100.0	6.3	59.2	34.5	207,923	190,513	121,077	14,186	1,254	27.4	5,708
Paulding County	GA	75,583	2,779	45,335	27,469	100.0	3.7	60.0	36.3	80,934	62,552	39,872	14,425	3,119	12.6	4,721
Richmond County	GA	242,045	21,194	119,444	101,407	100.0	8.8	49.3	41.9	236,854	195,664	119,027	31,847	8,441	29.4	5,320
Hawaii Department of Education	HI	1,279,125	107,149	1,141,001	30,975	100.0	8.4	89.2	2.4	1,266,378	1,112,525	712,023	121,486	0	14.5	5,859
Boise City Independent	ID	165,550	6,708	76,577	82,265	100.0	4.1	46.3	49.7	188,536	144,140	93,393	38,738	3,906	11.2	5,356
Meridian Junction	ID	100,803	3,689	66,923	30,191	100.0	3.7	66.4	30.0	97,386	82,917	51,775	10,274	4,168	7.5	3,989
City of Chicago	IL	3,083,835	412,494	1,108,444	1,562,897	100.0	13.4	35.9	50.7	3,446,592	2,833,263	1,748,125	499,983	51,000	30.6	6,617
Community Unit 300	IL	85,409	4,103	22,944	58,362	100.0	4.8	26.9	68.3	91,532	79,520	48,291	7,629	2,485	10.2	5,232
Indian Prairie 20	IL	108,561	1,989	15,848	90,724	100.0	1.8	14.6	83.6	141,644	89,602	53,402	42,685	9,091	4.0	5,093
Naperville Community Unit District 203	IL	135,732	2,639	18,207	114,886	100.0	1.9	13.4	84.6	128,837	116,691	67,917	8,544	885	2.2	6,443
Peoria	IL	115,799	12,041	46,308	57,450	100.0	10.4	40.0	49.6	105,783	98,250	55,467	2,952	950	27.9	6,045
Rockford	IL	221,095	15,870	62,096	143,129	100.0	7.2	28.1	64.7	231,055	192,359	112,807	24,163	11,425	19.1	6,919
Schaumburg	IL	136,063	4,482	18,691	112,890	100.0	3.3	13.7	83.0	129,594	111,786	68,968	11,175	5,736	2.7	6,968
School District 46	IL	218,441	8,076	55,795	154,570	100.0	3.7	25.5	70.8	266,366	187,189	118,202	70,328	6,304	7.0	5,649
Springfield	IL	114,992	11,563	32,951	70,478	100.0	10.1	28.7	61.3	124,116	101,762	54,621	12,632	4,891	21.5	6,625
Evansville-Vanderburgh School Corporation	IN	174,718	12,076	86,341	76,301	100.0	6.9	49.4	43.7	174,301	151,938	97,799	17,336	574	16.5	6,451
Fort Wayne Community	IN	248,170	12,880	114,936	120,354	100.0	5.2	46.3	48.5	239,136	209,643	129,025	21,092	674	15.7	6,595
Gary Community School Corporation	IN	176,386	17,184	110,593	48,609	100.0	9.7	62.7	27.6	168,602	157,680	91,739	8,236	652	34.5	7,515
Indianapolis	IN	394,523	33,704	218,770	142,049	100.0	8.5	55.5	36.0	411,438	348,176	201,722	22,358	1,252	28.9	8,056
MSD Lawrence Township	IN	124,248	3,494	54,019	66,735	100.0	2.8	43.5	53.7	134,844	99,450	68,664	23,230	795	5.9	6,690
South Bend Community School Corporation	IN	180,046	10,433	82,988	86,625	100.0	5.8	46.1	48.1	186,667	146,997	94,066	29,335	2,087	18.3	6,986
Vigo County School Corporation	IN	110,526	5,771	62,183	42,572	100.0	5.2	56.3	38.5	109,486	91,513	56,211	11,035	781	18.2	5,398
Cedar Rapids	IA	119,301	4,259	58,989	56,053	100.0	3.6	49.4	47.0	120,204	103,905	64,972	6,534	313	10.7	5,761
Davenport	IA	114,732	5,726	63,770	45,236	100.0	5.0	55.6	39.4	115,325	104,575	69,574	3,541	256	17.6	6,073
Des Moines Independent	IA	238,766	13,315	118,946	106,505	100.0	5.6	49.8	44.6	232,287	207,100	135,592	9,766	351	16.5	6,554
Blue Valley	KS	130,651	1,407	43,409	85,835	100.0	1.1	33.2	65.7	115,839	89,249	47,614	8,314	12,435	2.1	5,877
Kansas City	KS	146,218	7,622	100,530	38,066	100.0	5.2	68.8	26.0	147,567	132,902	72,416	9,919	57	28.4	6,250
Olathe	KS	136,206	4,189	68,926	63,091	100.0	3.1	50.6	46.3	123,724	109,728	62,850	5,341	7,889	4.7	5,847
Shawnee Mission	KS	206,094	5,628	78,599	121,867	100.0	2.7	38.1	59.1	206,627	181,262	109,935	11,582	13,773	5.4	5,707
Wichita	KS	305,038	32,879	176,542	95,617	100.0	10.8	57.9	31.3	290,060	276,196	160,556	13,116	0	17.4	5,894
Fayette County	KY	225,122	11,948	100,233	112,941	100.0	5.3	44.5	50.2	227,004	199,255	119,953	21,962	4,054	15.9	5,835
Jefferson County	KY	662,998	62,798	303,752	296,448	100.0	9.5	45.8	44.7	678,960	586,579	329,088	79,341	13,040	17.0	5,880
Bossier Parish School Board	LA	101,081	8,249	52,595	40,237	100.0	8.2	52.0	39.8	116,558	93,174	53,045	13,986	940	18.3	4,922
Caddo Parish School Board	LA	285,284	29,232	140,664	115,388	100.0	10.2	49.3	40.4	272,866	256,192	156,757	14,231	1,291	26.7	5,299
Calcasieu Parish School Board	LA	193,962	16,250	83,256	94,456	100.0	8.4	42.9	48.7	190,495	170,463	104,120	12,274	7,370	18.1	5,083
East Baton Rouge Parish School Board	LA	324,916	32,839	155,914	136,163	100.0	10.1	48.0	41.9	321,227	308,775	179,450	11,367	106	20.9	5,302
Jefferson Parish School Board	LA	338,335	32,908	139,368	166,059	100.0	9.7	41.2	49.1	362,837	314,581	184,690	30,440	14,829	18.7	5,781
Lafayette Parish School Board	LA	168,317	17,476	77,194	73,647	100.0	10.4	45.9	43.8	165,219	148,190	96,062	14,064	2,434	18.2	4,850
Lafourche Parish School Board	LA	93,520	9,254	51,963	32,303	100.0	9.9	55.6	34.5	95,106	86,323	53,872	7,792	547	19.4	5,451
Livingston Parish School Board	LA	96,043	7,157	63,542	25,344	100.0	7.5	66.2	26.4	97,780	82,557	52,052	13,419	1,605	15.7	4,409

Table 93.—Revenues and expenditures of public school districts enrolling more than 15,000 students, by state: 1997–98—Continued

Name of district, by state	State	Revenues by source of funds, in thousands				Percentage distribution of revenues				Expenditures, in thousands					Poverty rate of 5- to 17-year-olds, 1996–97	Current expenditure per pupil [1]
		Total	Federal	State	Local	Total	Federal	State	Local	Total [2]	Current expenditures		Capital outlay	Interest on school debt		
											Total	Instruction				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Orleans Parish School Board	LA	467,735	67,919	226,582	173,234	100.0	14.5	48.4	37.0	451,291	414,691	258,507	19,329	16,563	35.8	4,986
Ouachita Parish School Board	LA	100,450	9,059	53,742	37,649	100.0	9.0	53.5	37.5	90,345	84,649	55,879	3,914	1,371	17.5	4,782
Rapides Parish School Board	LA	140,492	16,432	74,556	49,504	100.0	11.7	53.1	35.2	132,924	122,976	72,947	6,422	3,203	26.3	5,155
Saint Landry Parish School Board	LA	83,383	14,459	53,988	14,936	100.0	17.3	64.7	17.9	78,142	74,467	46,613	2,096	1,125	32.0	4,491
Saint Tammany Parish School Board	LA	203,150	11,706	107,633	83,811	100.0	5.8	53.0	41.3	195,995	175,426	110,838	14,048	5,545	13.5	5,392
Tangipahoa Parish School Board	LA	96,638	12,224	59,501	24,913	100.0	12.6	61.6	25.8	90,274	81,310	50,897	6,059	2,601	29.2	4,347
Terrebonne Parish School Board	LA	112,959	12,612	58,400	41,947	100.0	11.2	51.7	37.1	106,062	100,049	63,396	5,113	509	22.1	4,838
Anne Arundel County	MD	528,757	18,958	185,644	324,155	100.0	3.6	35.1	61.3	541,339	478,486	291,095	45,308	6,616	8.8	6,522
Baltimore City	MD	823,135	98,481	499,861	224,793	100.0	12.0	60.7	27.3	838,889	783,935	529,467	45,738	4,544	31.8	7,298
Baltimore County	MD	825,062	37,622	276,259	511,181	100.0	4.6	33.5	62.0	826,762	729,934	457,448	72,418	6,901	11.0	6,971
Calvert County	MD	100,708	3,554	37,300	59,854	100.0	3.5	37.0	59.4	97,393	92,413	56,803	3,815	0	9.5	6,271
Carroll County	MD	192,562	4,990	81,247	106,325	100.0	2.6	42.2	55.2	195,970	163,937	98,417	26,742	2,436	6.5	6,112
Cecil County	MD	102,616	4,526	49,378	48,712	100.0	4.4	48.1	47.5	107,038	93,110	57,180	11,422	1,583	13.0	6,075
Charles County	MD	162,914	5,910	68,979	88,025	100.0	3.6	42.3	54.0	158,993	138,780	77,460	14,894	1,668	10.8	6,419
Frederick County	MD	254,885	7,282	102,609	144,994	100.0	2.9	40.3	56.9	245,054	214,298	132,706	25,958	3,905	8.0	6,199
Harford County	MD	250,999	8,685	114,988	127,326	100.0	3.5	45.8	50.7	260,393	233,736	146,993	21,814	1,599	9.0	6,060
Howard County	MD	333,421	6,489	98,295	228,637	100.0	1.9	29.5	68.6	339,643	294,191	185,756	31,192	7,768	6.3	7,315
Montgomery County	MD	1,239,055	35,368	263,479	940,208	100.0	2.9	21.3	75.9	1,202,495	1,036,090	656,675	119,828	23,753	8.2	8,287
Prince George's County	MD	968,392	46,371	416,264	505,757	100.0	4.8	43.0	52.2	962,878	862,212	497,473	58,320	8,201	12.7	6,718
Saint Mary's County	MD	114,726	5,369	51,597	57,760	100.0	4.7	45.0	50.3	113,714	93,636	54,882	18,022	1,125	13.1	6,374
Washington County	MD	138,410	7,215	64,930	66,265	100.0	5.2	46.9	47.9	136,630	121,993	76,858	10,152	1,938	14.1	6,094
Boston	MA	686,956	42,659	219,972	424,325	100.0	6.2	32.0	61.8	733,174	656,293	417,776	54,408	6,811	35.5	10,293
Brockton	MA	129,631	8,548	91,291	29,792	100.0	6.6	70.4	23.0	127,097	123,110	79,176	1,619	66	28.7	7,687
Lowell	MA	137,163	12,908	108,317	15,938	100.0	9.4	79.0	11.6	145,596	130,207	90,154	4,613	8,765	34.9	7,998
Lynn	MA	115,135	11,723	85,812	17,600	100.0	10.2	74.5	15.3	126,330	113,853	80,030	9,200	940	28.6	7,723
Springfield	MA	233,210	22,099	183,027	28,084	100.0	9.5	78.5	12.0	235,102	222,698	155,858	525	4,321	40.4	8,952
Worcester	MA	209,795	15,839	130,292	63,664	100.0	7.5	62.1	30.3	232,329	193,178	136,564	26,103	4,362	34.1	8,061
Ann Arbor	MI	167,593	2,301	86,146	79,146	100.0	1.4	51.4	47.2	161,711	124,660	71,367	29,744	5,793	9.4	7,889
Dearborn City	MI	155,802	7,321	80,667	67,814	100.0	4.7	51.8	43.5	143,812	123,484	74,927	11,635	6,802	16.5	7,777
Detroit City	MI	1,420,219	147,128	1,094,806	178,285	100.0	10.4	77.1	12.6	1,345,361	1,280,142	784,638	26,582	19,918	39.7	7,326
Flint City	MI	220,710	20,673	155,654	44,383	100.0	9.4	70.5	20.1	218,183	189,880	103,314	3,843	1,201	39.7	7,563
Grand Rapids City	MI	230,056	17,942	156,783	55,331	100.0	7.8	68.1	24.1	223,236	202,922	113,683	8,920	3,146	24.6	7,592
Lansing Public	MI	158,498	10,310	107,017	41,171	100.0	6.5	67.5	26.0	149,984	142,842	79,894	2,520	1,344	28.5	7,494
Livonia	MI	173,394	3,495	113,943	55,956	100.0	2.0	65.7	32.3	151,558	133,019	74,411	8,707	5,084	2.7	7,251
Plymouth-Canton Community Schools	MI	118,673	2,081	86,075	30,517	100.0	1.8	72.5	25.7	113,712	99,273	58,730	4,785	6,480	4.1	6,269
Utica Community	MI	204,238	2,722	147,525	53,991	100.0	1.3	72.2	26.4	192,848	160,059	100,417	19,392	7,259	5.6	6,137
Anoka-Hennepin	MN	267,861	7,807	166,402	93,652	100.0	2.9	62.1	35.0	255,500	220,930	143,061	14,475	7,424	6.1	5,468
Minneapolis	MN	523,132	33,849	237,108	252,175	100.0	6.5	45.3	48.2	525,377	417,240	259,998	69,688	14,701	30.1	8,488
Osseo	MN	165,646	4,282	88,604	72,760	100.0	2.6	53.5	43.9	151,853	125,152	82,189	6,841	7,338	6.4	5,691
Rochester	MN	115,740	3,693	54,670	57,377	100.0	3.2	47.2	49.6	132,955	92,342	59,453	31,233	2,823	9.3	5,839
Rosemount-Apple Valley-Eagan	MN	183,364	3,962	100,309	79,093	100.0	2.2	54.7	43.1	170,031	146,692	95,675	9,961	6,791	4.2	5,401
St. Paul	MN	404,088	27,644	233,273	143,171	100.0	6.8	57.7	35.4	397,284	333,793	218,649	33,190	9,843	25.7	7,394
Desoto County	MS	70,291	4,305	42,051	23,935	100.0	6.1	59.8	34.1	73,600	62,691	37,722	8,927	1,982	10.3	3,586
Jackson Public	MS	175,755	19,817	76,911	79,027	100.0	11.3	43.8	45.0	186,553	157,012	92,065	25,724	3,073	23.6	4,871
Rankin County School District	MS	64,579	4,456	36,812	23,311	100.0	6.9	57.0	36.1	102,843	53,776	34,052	46,250	2,334	12.0	3,634
Columbia	MO	106,432	5,665	38,588	62,179	100.0	5.3	36.3	58.4	100,692	87,051	54,186	3,548	4,940	14.5	5,455
Fort Zumwalt R-11	MO	83,712	2,733	27,364	53,615	100.0	3.3	32.7	64.0	85,092	70,053	44,403	8,777	5,237	5.7	4,821
Francis Howell	MO	117,685	2,500	42,561	72,624	100.0	2.1	36.2	61.7	129,818	103,012	67,986	16,485	7,716	4.3	5,624
Hazelwood	MO	108,882	3,180	20,922	84,780	100.0	2.9	19.2	77.9	117,252	99,735	61,010	14,577	2,440	5.0	5,322
Kansas City	MO	431,754	32,216	231,786	167,752	100.0	7.5	53.7	38.9	341,237	297,148	154,321	37,850	0	30.3	7,676
North Kansas City	MO	105,954	3,564	21,358	81,032	100.0	3.4	20.2	76.5	122,762	90,120	60,330	25,319	3,483	7.3	5,296
Parkway	MO	164,090	2,385	29,810	131,895	100.0	1.5	18.2	80.4	154,912	138,881	86,464	9,452	3,418	2.7	6,542
Rockwood	MO	143,681	2,582	26,188	114,911	100.0	1.8	18.2	80.0	135,745	107,310	63,490	18,901	5,175	4.3	5,282
Saint Louis City	MO	411,087	47,211	186,771	177,105	100.0	11.5	45.4	43.1	381,947	338,920	182,403	13,968	11,696	34.4	7,330
Springfield	MO	141,815	9,273	42,969	89,573	100.0	6.5	30.3	63.2	137,081	122,921	76,913	7,172	4,863	16.9	4,842
Lincoln	NE	220,258	12,921	56,518	150,819	100.0	5.9	25.7	68.5	207,146	186,553	120,363	17,326	2,811	9.6	6,047

Table 93.—Revenues and expenditures of public school districts enrolling more than 15,000 students, by state: 1997–98—Continued

Name of district, by state	State	Revenues by source of funds, in thousands				Percentage distribution of revenues				Expenditures, in thousands					Poverty rate of 5- to 17-year-olds, 1996–97	Current expenditure per pupil [1]
		Total	Federal	State	Local	Total	Federal	State	Local	Total [2]	Current expenditures: Total	Current expenditures: Instruction	Capital outlay	Interest on school debt		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Millard	NE	116,643	2,570	45,916	68,157	100.0	2.2	39.4	58.4	110,174	94,489	63,440	10,508	3,988	1.7	4,966
Omaha	NE	293,247	27,647	101,321	164,279	100.0	9.4	34.6	56.0	280,752	250,468	145,343	25,642	2,836	14.6	5,560
Clark County	NV	1,223,364	54,219	336,357	832,788	100.0	4.4	27.5	68.1	1,356,279	974,664	581,113	290,018	86,383	14.2	5,108
Washoe County	NV	299,192	11,776	82,813	204,603	100.0	3.9	27.7	68.4	300,930	266,660	165,783	20,654	12,215	12.7	5,208
Manchester	NH	94,657	7,727	8,722	78,208	100.0	8.2	9.2	82.6	91,088	84,748	59,243	1,932	1,556	11.6	5,117
Camden City	NJ	230,070	17,862	200,675	11,533	100.0	7.8	87.2	5.0	234,207	210,573	120,806	15,034	1,001	57.3	11,096
Elizabeth City	NJ	212,440	12,751	155,932	43,757	100.0	6.0	73.4	20.6	215,899	170,321	100,963	38,116	596	34.5	9,396
Jersey City	NJ	375,040	24,435	272,631	77,974	100.0	6.5	72.7	20.8	386,469	323,465	195,395	39,405	5,168	33.7	10,015
Newark City	NJ	560,216	41,961	413,357	104,898	100.0	7.5	73.8	18.7	597,254	534,567	311,377	35,058	5,036	42.2	12,105
Paterson City	NJ	290,098	19,231	226,175	44,692	100.0	6.6	78.0	15.4	287,434	228,106	144,787	34,265	574	33.9	9,418
Tom's River Regional	NJ	145,960	2,151	64,962	78,847	100.0	1.5	44.5	54.0	152,956	141,850	85,125	8,573	1,153	10.4	8,213
Albuquerque	NM	487,210	36,018	366,238	84,954	100.0	7.4	75.2	17.4	486,554	422,464	256,440	58,281	3,235	19.4	4,841
Las Cruces	NM	123,882	12,933	93,279	17,670	100.0	10.4	75.3	14.3	121,960	109,242	62,035	9,010	2,994	27.2	4,829
Brentwood Unified School District	NY	168,160	8,033	80,710	79,417	100.0	4.8	48.0	47.2	164,623	150,715	100,873	5,612	725	18.5	10,751
Buffalo City	NY	468,066	57,981	306,864	103,221	100.0	12.4	65.6	22.1	472,078	422,822	278,151	24,483	4,609	45.2	8,994
New York City	NY	9,155,552	870,540	3,910,582	4,374,430	100.0	9.5	42.7	47.8	10,799,265	8,688,668	6,273,098	1,183,546	358,408	34.9	8,106
Rochester City	NY	405,869	41,085	227,429	137,355	100.0	10.1	56.0	33.8	418,071	337,098	210,990	48,033	7,307	48.5	8,791
Syracuse City	NY	225,729	24,044	144,886	56,799	100.0	10.7	64.2	25.2	222,677	204,596	137,044	4,147	4,897	45.7	8,607
Yonkers City	NY	284,510	17,444	99,807	167,259	100.0	6.1	35.1	58.8	283,086	256,741	168,923	14,286	3,544	31.3	10,712
Alamance-Burlington	NC	107,262	6,321	70,024	30,917	100.0	5.9	65.3	28.8	106,195	95,479	59,190	8,610	2,028	12.0	4,919
Buncombe County	NC	151,698	7,921	93,693	50,084	100.0	5.2	61.8	33.0	147,433	128,761	83,148	13,973	4,606	13.7	5,189
Cabarrus County	NC	98,970	4,814	60,542	33,614	100.0	4.9	61.2	34.0	96,214	80,229	52,821	8,752	5,767	9.4	4,675
Catawba County Schools	NC	85,259	3,860	53,768	27,631	100.0	4.5	63.1	32.4	86,687	75,008	50,933	9,039	2,640	10.9	5,033
Charlotte-Mecklenburg	NC	625,438	34,181	348,760	242,497	100.0	5.5	55.8	38.8	657,885	541,880	334,502	78,853	27,716	13.1	5,657
Cumberland County	NC	293,553	25,743	186,023	81,787	100.0	8.8	63.4	27.9	273,980	246,944	157,966	21,994	2,829	20.5	4,841
Davidson County	NC	100,981	4,396	68,043	28,542	100.0	4.4	67.4	28.3	95,436	85,355	56,076	8,527	1,459	10.2	4,616
Durham	NC	209,019	12,454	111,405	85,160	100.0	6.0	53.3	40.7	198,780	179,176	111,037	8,039	9,351	17.0	6,107
Forsyth County	NC	265,713	15,919	156,697	93,097	100.0	6.0	59.0	35.0	295,562	241,964	158,848	46,303	7,295	14.6	5,721
Gaston County	NC	169,749	9,789	117,323	42,637	100.0	5.8	69.1	25.1	167,633	147,251	99,202	17,065	3,317	15.8	4,861
Guilford County	NC	386,221	22,430	232,445	131,346	100.0	5.8	60.2	34.0	386,960	347,736	215,970	38,328	482	14.8	5,805
Harnett County	NC	83,918	6,296	62,632	14,990	100.0	7.5	74.6	17.9	85,581	71,575	47,054	12,268	1,637	18.5	4,686
Iredell-Statesville	NC	91,536	4,735	60,858	25,943	100.0	5.2	66.5	28.3	98,272	77,747	49,696	18,464	767	12.1	5,010
Johnston County	NC	104,192	6,988	68,923	28,281	100.0	6.7	66.1	27.1	115,764	91,110	59,995	22,150	2,379	15.7	4,943
Nash-Rocky Mount	NC	109,335	9,395	70,808	29,132	100.0	8.6	64.8	26.6	116,865	92,869	59,537	23,779	0	20.3	5,176
New Hanover County	NC	139,441	8,425	77,671	53,345	100.0	6.0	55.7	38.3	131,756	114,727	71,222	13,584	2,983	17.4	5,303
Onslow County	NC	120,439	9,446	87,063	23,930	100.0	7.8	72.3	19.9	123,470	96,059	60,394	24,478	2,782	19.1	4,477
Pitt County	NC	114,364	9,452	78,529	26,383	100.0	8.3	68.7	23.1	117,588	98,888	64,743	15,979	1,872	21.7	4,965
Randolph County	NC	85,573	4,319	61,454	19,800	100.0	5.0	71.8	23.1	88,363	73,929	47,576	10,848	3,522	11.3	4,586
Robeson County	NC	127,554	17,009	90,830	19,715	100.0	13.3	71.2	15.5	125,455	117,244	76,108	7,627	272	25.8	4,880
Rowan-Salisbury	NC	108,466	6,997	73,809	27,660	100.0	6.5	68.0	25.5	109,698	98,749	64,784	8,303	2,620	15.8	4,962
Union County	NC	110,653	5,783	71,338	33,532	100.0	5.2	64.5	30.3	107,880	95,866	61,898	6,482	4,077	12.9	4,795
Wake County	NC	539,242	22,624	315,799	200,819	100.0	4.2	58.6	37.2	647,224	459,592	293,935	154,513	26,327	10.1	5,120
Wayne County	NC	105,573	9,977	74,085	21,511	100.0	9.5	70.2	20.4	103,837	94,811	63,205	7,912	918	20.5	4,920
Akron City	OH	237,967	25,210	117,453	95,304	100.0	10.6	49.4	40.0	220,328	202,565	119,421	11,589	828	25.3	6,260
Cincinnati City	OH	417,615	41,905	151,113	224,597	100.0	10.0	36.2	53.8	389,766	350,007	219,770	16,442	7,954	27.1	6,954
Cleveland City	OH	657,834	64,503	344,464	248,867	100.0	9.8	52.4	37.8	542,906	489,873	284,700	28,820	12,969	37.1	6,403
Columbus City	OH	534,115	49,335	188,801	295,979	100.0	9.2	35.3	55.4	473,155	442,526	247,267	14,320	3,823	26.9	6,822
Dayton City	OH	225,418	31,768	101,743	91,907	100.0	14.1	45.1	40.8	216,000	203,097	101,113	9,919	0	30.8	7,657
South-Western City	OH	126,161	7,964	48,882	69,315	100.0	6.3	38.7	54.9	116,823	106,737	62,032	6,019	2,033	11.2	5,555
Toledo City	OH	292,245	31,649	152,436	108,160	100.0	10.8	52.2	37.0	279,329	259,748	143,680	10,471	295	26.2	6,562
Broken Arrow	OK	72,194	3,190	43,275	25,729	100.0	4.4	59.9	35.6	70,067	65,580	35,582	2,924	1,364	9.0	4,503
Edmond	OK	79,345	2,274	39,523	37,548	100.0	2.9	49.8	47.3	87,181	80,853	41,512	3,541	2,732	7.1	4,907
Lawton	OK	90,193	11,708	60,935	17,550	100.0	13.0	67.6	19.5	90,307	89,326	50,310	358	0	23.6	4,945
Moore	OK	84,441	4,111	55,470	24,860	100.0	4.9	65.7	29.4	87,222	78,031	48,565	8,581	410	10.5	4,265
Oklahoma City	OK	217,893	24,206	121,335	72,352	100.0	11.1	55.7	33.2	216,383	186,639	101,700	24,431	3,852	32.3	4,749

Table 93.—Revenues and expenditures of public school districts enrolling more than 15,000 students, by state: 1997–98—Continued

Name of district, by state	State	Revenues by source of funds, in thousands				Percentage distribution of revenues				Expenditures, in thousands					Poverty rate of 5- to 17-year-olds, 1996–97	Current expenditure per pupil [1]
		Total	Federal	State	Local	Total	Federal	State	Local	Total [2]	Current expenditures		Capital outlay	Interest on school debt		
											Total	Instruction				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Putnam City	OK	92,401	4,499	48,699	39,203	100.0	4.9	52.7	42.4	90,559	84,120	52,838	4,099	1,345	11.1	4,402
Tulsa	OK	233,499	22,217	118,143	93,139	100.0	9.5	50.6	39.9	280,623	212,288	115,889	62,784	5,280	25.9	5,075
Beaverton	OR	196,805	5,555	110,678	80,572	100.0	2.8	56.2	40.9	197,388	163,208	99,491	27,167	6,548	6.6	5,300
Eugene	OR	137,443	8,078	64,639	64,726	100.0	5.9	47.0	47.1	121,647	112,342	69,541	5,110	3,048	11.0	5,965
Hillsboro	OR	100,803	4,951	59,707	36,145	100.0	4.9	59.2	35.9	98,486	92,343	55,885	3,324	2,586	10.0	5,603
Portland	OR	440,921	32,193	213,601	195,127	100.0	7.3	48.4	44.3	462,026	437,247	234,307	6,495	17,139	17.5	7,904
Salem/Keizer	OR	209,852	11,476	138,279	60,097	100.0	5.5	65.9	28.6	203,583	189,483	118,603	7,854	5,458	13.5	5,727
Allentown City	PA	109,319	6,904	39,806	62,609	100.0	6.3	36.4	57.3	109,436	98,445	68,015	2,709	934	25.1	6,299
Central Bucks School District	PA	123,571	1,121	24,007	98,443	100.0	0.9	19.4	79.7	127,641	100,577	67,179	16,673	5,907	2.9	6,751
Philadelphia City	PA	1,554,208	182,186	771,302	600,720	100.0	11.7	49.6	38.7	1,510,785	1,213,670	733,824	13,584	43,776	28.6	5,702
Pittsburgh	PA	427,808	36,777	158,840	232,191	100.0	8.6	37.1	54.3	433,077	343,539	201,482	32,184	10,133	28.1	8,550
Reading School District	PA	105,454	10,789	56,669	37,996	100.0	10.2	53.7	36.0	96,582	88,472	57,110	633	2,201	34.5	5,936
Providence	RI	223,377	25,185	121,962	76,230	100.0	11.3	54.6	34.1	216,712	201,323	127,678	9,616	3,633	40.9	7,861
Aiken County	SC	135,115	10,631	78,930	45,554	100.0	7.9	58.4	33.7	126,737	113,987	70,686	10,636	1,292	19.7	4,683
Beaufort County	SC	108,273	7,226	34,469	66,578	100.0	6.7	31.8	61.5	128,845	86,702	50,691	35,370	5,602	22.3	5,710
Berkeley County	SC	144,127	12,777	87,322	44,028	100.0	8.9	60.6	30.5	147,551	126,876	73,689	15,207	4,510	20.5	4,848
Charleston County	SC	263,788	25,202	131,226	107,360	100.0	9.6	49.7	40.7	272,832	227,727	142,438	37,718	3,557	26.7	5,163
Dorchester	SC	86,329	4,456	53,662	28,211	100.0	5.2	62.2	32.7	95,330	76,048	47,579	14,585	3,604	15.1	4,815
Greenville County	SC	337,977	20,595	176,230	141,152	100.0	6.1	52.1	41.8	355,325	281,300	168,481	67,479	4,190	14.9	4,938
Horry County	SC	183,005	13,009	77,883	92,113	100.0	7.1	42.6	50.3	183,598	152,575	91,583	21,331	7,961	23.7	5,707
Lexington #01	SC	91,575	3,751	54,047	33,777	100.0	4.1	59.0	36.9	94,364	79,338	49,076	11,503	3,153	10.6	5,187
Pickens County	SC	87,365	4,741	49,968	32,656	100.0	5.4	57.2	37.4	94,643	72,878	45,687	18,932	2,506	14.7	4,685
Richland #1	SC	207,110	15,730	95,103	96,277	100.0	7.6	45.9	46.5	197,841	171,878	98,776	19,848	4,496	26.2	6,304
Richland #2	SC	108,747	5,123	55,863	47,761	100.0	4.7	51.4	43.9	122,621	90,182	54,812	27,637	3,793	10.8	5,825
Sioux Falls	SD	110,091	6,691	22,306	81,094	100.0	6.1	20.3	73.7	117,244	92,076	56,008	20,565	4,339	9.8	5,050
Hamilton County	TN	228,346	14,804	86,850	126,692	100.0	6.5	38.0	55.5	229,175	217,862	141,069	3,760	5,828	15.8	5,102
Knox County	TN	281,576	21,486	106,902	153,188	100.0	7.6	38.0	54.4	333,350	274,812	174,819	49,951	6,484	14.4	5,372
Memphis City	TN	661,871	69,954	261,762	330,155	100.0	10.6	39.5	49.9	660,359	594,988	374,696	59,012	2,655	22.7	5,349
Montgomery County	TN	106,065	7,814	57,337	40,914	100.0	7.4	54.1	38.6	128,710	97,724	61,432	25,856	4,719	15.4	4,506
Nashville-Davidson	TN	436,358	37,380	135,430	263,548	100.0	8.6	31.0	60.4	466,140	428,749	274,169	24,548	10,879	15.8	6,346
Rutherford County	TN	115,113	6,193	59,777	49,143	100.0	5.4	51.9	42.7	132,845	105,944	72,435	25,010	1,614	7.6	4,931
Shelby County	TN	223,726	9,677	107,513	106,536	100.0	4.3	48.1	47.6	246,131	204,864	139,329	35,106	6,129	4.6	4,463
Sumner County School District	TN	104,616	6,659	57,280	40,677	100.0	6.4	54.8	38.9	102,790	99,562	65,690	1,305	1,340	10.5	4,541
Williamson County	TN	92,720	2,782	41,758	48,180	100.0	3.0	45.0	52.0	96,797	85,336	55,436	6,137	4,695	4.7	4,993
Abilene ISD	TX	117,629	11,779	68,072	37,778	100.0	10.0	57.9	32.1	116,212	107,732	70,376	6,412	974	23.0	5,523
Aldine ISD	TX	310,671	25,191	175,107	110,373	100.0	8.1	56.4	35.5	334,694	266,555	165,285	58,374	9,538	22.4	5,486
Alief ISD	TX	233,300	12,766	123,901	96,633	100.0	5.5	53.1	41.4	245,075	193,412	123,336	36,828	12,443	13.3	4,894
Amarillo ISD	TX	158,255	12,692	75,650	69,913	100.0	8.0	47.8	44.2	172,290	143,830	91,818	21,867	5,650	21.4	4,911
Arlington ISD	TX	288,807	12,982	80,012	195,813	100.0	4.5	27.7	67.8	337,930	255,269	160,950	63,977	17,517	9.8	4,676
Austin ISD	TX	475,457	33,029	53,858	388,570	100.0	6.9	11.3	81.7	517,017	399,490	239,291	86,091	26,474	18.4	5,215
Beaumont ISD	TX	133,276	14,378	28,949	89,949	100.0	10.8	21.7	67.5	151,548	118,713	71,931	27,454	3,002	25.9	5,831
Birdville ISD	TX	121,682	5,034	49,074	67,574	100.0	4.1	40.3	55.5	153,300	101,805	65,012	43,158	8,251	8.9	4,908
Brownsville ISD	TX	263,285	36,630	189,597	37,058	100.0	13.9	72.0	14.1	258,809	231,317	144,775	22,996	2,349	45.8	5,736
Carrollton-Farmers Branch ISD	TX	163,390	4,088	12,202	147,100	100.0	2.5	7.5	90.0	209,115	120,591	71,048	59,611	7,633	7.2	5,539
Clear Creek ISD	TX	152,553	3,460	28,726	120,367	100.0	2.3	18.8	78.9	158,591	130,679	82,628	18,892	8,779	5.2	4,634
Conroe ISD	TX	182,085	7,334	69,052	105,699	100.0	4.0	37.9	58.0	188,593	155,008	95,107	17,054	15,707	12.7	5,029
Corpus Christi ISD	TX	246,801	22,553	123,371	100,877	100.0	9.1	50.0	40.9	263,926	216,923	133,370	36,656	7,717	28.2	5,294
Cypress-Fairbanks ISD	TX	324,687	9,026	111,947	203,714	100.0	2.8	34.5	62.7	331,010	283,871	174,376	24,811	21,083	4.9	5,106
Dallas ISD	TX	940,014	95,848	211,537	632,629	100.0	10.2	22.5	67.3	923,191	836,853	502,762	50,508	22,618	30.0	5,309
Ector County ISD	TX	155,802	13,218	84,046	58,538	100.0	8.5	53.9	37.6	158,563	136,519	78,382	20,537	1,300	24.7	4,778
Edinburg ISD	TX	128,989	14,412	83,141	31,436	100.0	11.2	64.5	24.4	130,731	109,043	67,975	18,092	2,666	39.3	5,574
El Paso ISD	TX	370,896	38,186	196,409	136,301	100.0	10.3	53.0	36.7	380,006	339,147	211,273	28,255	10,857	36.2	5,307
Fort Bend ISD	TX	278,475	8,589	124,293	145,593	100.0	3.1	44.6	52.3	317,491	239,690	143,590	63,852	12,860	6.8	4,882
Fort Worth ISD	TX	454,267	45,227	219,800	189,240	100.0	10.0	48.4	41.7	454,860	410,844	238,878	34,968	3,646	28.4	5,343
Galena Park ISD	TX	103,781	6,975	50,162	46,644	100.0	6.7	48.3	44.9	96,666	88,823	52,222	3,708	3,300	17.0	4,988
Garland ISD	TX	260,122	10,724	124,551	124,847	100.0	4.1	47.9	48.0	261,898	209,745	131,424	33,024	17,790	9.8	4,498

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Table 93.—Revenues and expenditures of public school districts enrolling more than 15,000 students, by state: 1997–98—Continued

Name of district, by state	State	Revenues by source of funds, in thousands				Percentage distribution of revenues				Expenditures, in thousands					Poverty rate of 5- to 17-year-olds, 1996–97	Current expenditure per pupil[1]
		Total	Federal	State	Local	Total	Federal	State	Local	Total[2]	Current expenditures: Total	Current expenditures: Instruction	Capital outlay	Interest on school debt		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Goose Creek ISD	TX	127,552	7,319	21,837	98,396	100.0	5.7	17.1	77.1	115,947	98,421	57,933	9,659	7,084	18.1	5,458
Grand Prairie ISD	TX	110,037	5,604	63,104	41,329	100.0	5.1	57.3	37.6	114,797	95,144	58,499	12,822	6,217	13.5	5,058
Harlingen Cons ISD	TX	96,589	9,966	61,606	25,017	100.0	10.3	63.8	25.9	94,811	81,296	51,025	11,988	553	31.9	5,103
Houston ISD	TX	1,197,041	123,456	396,889	676,696	100.0	10.3	33.2	56.5	1,231,086	1,126,760	659,676	78,843	16,212	30.6	5,340
Humble ISD	TX	138,865	3,733	57,114	78,018	100.0	2.7	41.1	56.2	161,628	118,687	70,580	34,578	7,826	4.0	5,118
Hurst-Euless-Bedford ISD	TX	114,397	3,876	20,382	90,139	100.0	3.4	17.8	78.8	115,440	96,768	62,024	9,632	8,948	7.8	4,982
Irving ISD	TX	164,260	8,346	43,731	112,183	100.0	5.1	26.6	68.3	159,487	138,131	87,361	17,259	3,986	13.7	5,083
Judson ISD	TX	95,078	5,822	50,481	38,775	100.0	6.1	53.1	40.8	98,735	83,018	51,915	8,023	7,437	9.4	5,245
Katy ISD	TX	172,134	3,412	60,545	108,177	100.0	2.0	35.2	62.8	198,407	129,622	79,769	56,031	12,370	4.9	4,592
Keller ISD	TX	72,906	1,274	31,340	40,292	100.0	1.7	43.0	55.3	86,734	55,403	33,731	23,580	7,706	3.3	4,047
Killeen ISD	TX	187,899	42,820	106,494	38,585	100.0	22.8	56.7	20.5	177,868	144,953	87,977	30,260	1,705	19.2	5,046
Klein ISD	TX	183,894	6,781	89,582	87,531	100.0	3.7	48.7	47.6	179,123	157,982	97,452	9,009	11,271	4.4	5,154
La Joya ISD	TX	103,349	12,747	76,191	14,411	100.0	12.3	73.7	13.9	91,821	79,502	47,769	10,120	856	52.5	5,315
Laredo ISD	TX	137,069	17,612	96,452	23,005	100.0	12.8	70.4	16.8	139,375	124,920	75,680	12,594	996	46.4	5,515
Lewisville ISD	TX	186,504	4,713	54,689	127,102	100.0	2.5	29.3	68.1	237,052	161,376	103,988	55,342	19,114	3.9	4,947
Lubbock ISD	TX	185,597	16,418	85,138	84,041	100.0	8.8	45.9	45.3	183,138	166,548	103,646	10,668	3,573	26.0	5,531
McAllen ISD	TX	135,382	15,368	72,324	47,690	100.0	11.4	53.4	35.2	129,857	122,673	74,015	3,494	1,032	34.6	5,715
Mesquite ISD	TX	172,963	6,392	94,745	71,826	100.0	3.7	54.8	41.5	191,653	135,214	79,693	39,955	16,324	10.0	4,399
Midland ISD	TX	127,841	9,957	56,175	61,709	100.0	7.8	43.9	48.3	130,414	112,435	68,720	14,422	2,841	20.1	4,828
North East ISD	TX	289,969	15,344	78,506	196,119	100.0	5.3	27.1	67.6	365,120	264,065	166,424	85,908	13,523	9.9	5,673
Northside ISD	TX	356,115	21,070	153,439	181,606	100.0	5.9	43.1	51.0	395,185	320,797	201,737	58,502	13,234	12.1	5,339
Pasadena ISD	TX	227,791	15,643	121,562	90,586	100.0	6.9	53.4	39.8	265,397	201,604	121,573	59,622	3,567	15.4	4,930
Pharr-San Juan-Alamo ISD	TX	146,474	19,229	102,030	25,215	100.0	13.1	69.7	17.2	133,945	118,620	73,227	11,107	2,637	43.2	5,748
Plano ISD	TX	319,227	5,467	25,202	288,558	100.0	1.7	7.9	90.4	370,119	242,122	154,710	89,359	20,604	3.4	5,589
Richardson ISD	TX	244,558	6,329	19,024	219,205	100.0	2.6	7.8	89.6	267,443	189,810	114,986	60,222	7,520	7.6	5,565
Round Rock ISD	TX	167,086	4,714	41,225	121,147	100.0	2.8	24.7	72.5	189,147	133,572	84,704	44,086	10,653	5.8	4,916
San Angelo ISD	TX	96,460	7,111	52,416	36,933	100.0	7.4	54.3	38.3	103,342	85,754	54,109	14,843	2,319	24.1	4,974
San Antonio ISD	TX	430,354	55,645	248,306	126,403	100.0	12.9	57.7	29.4	417,867	370,499	225,164	29,194	11,336	39.7	6,063
Socorro ISD	TX	127,517	10,635	87,770	29,112	100.0	8.3	68.8	22.8	126,261	114,796	68,907	4,403	5,959	33.0	5,206
Spring Branch ISD	TX	202,676	13,338	33,536	155,802	100.0	6.6	16.5	76.9	215,499	172,483	103,478	31,507	11,017	18.6	5,586
Spring ISD	TX	132,008	5,065	57,965	68,978	100.0	3.8	43.9	52.3	128,298	114,266	71,439	7,280	6,007	7.5	5,306
Tyler ISD	TX	93,664	9,980	32,108	51,576	100.0	10.7	34.3	55.1	98,333	84,170	51,180	11,519	2,228	22.5	5,065
United ISD	TX	127,552	10,759	71,940	44,853	100.0	8.4	56.4	35.2	127,245	110,481	65,088	9,824	6,035	27.8	4,846
Waco ISD	TX	95,286	11,157	50,883	33,246	100.0	11.7	53.4	34.9	87,819	78,669	46,145	6,244	1,083	36.8	4,878
Wichita Falls ISD	TX	90,986	8,769	40,562	41,655	100.0	9.6	44.6	45.8	91,932	83,247	52,081	6,825	1,760	23.8	5,358
Ysleta ISD	TX	283,622	29,891	187,677	66,054	100.0	10.5	66.2	23.3	282,769	249,147	154,683	28,157	3,053	29.0	5,232
Alpine	UT	187,962	10,357	132,667	44,938	100.0	5.5	70.6	23.9	194,401	159,955	109,493	24,121	7,624	7.3	3,579
Davis	UT	271,358	17,879	176,583	76,896	100.0	6.6	65.1	28.3	270,606	221,856	143,324	35,331	8,018	6.7	3,746
Granite	UT	329,067	26,281	202,389	100,397	100.0	8.0	61.5	30.5	325,110	285,511	188,723	31,262	0	10.2	3,809
Jordan	UT	328,401	16,976	201,814	109,611	100.0	5.2	61.5	33.4	368,897	266,602	178,466	86,352	8,825	6.0	3,643
Nebo	UT	83,411	4,930	56,532	21,949	100.0	5.9	67.8	26.3	91,388	69,274	44,354	16,081	4,577	11.1	3,538
Salt Lake City	UT	155,668	16,761	65,904	73,003	100.0	10.8	42.3	46.9	145,218	116,454	77,513	14,272	1,900	16.7	4,470
Washington	UT	82,815	4,577	49,690	28,548	100.0	5.5	60.0	34.5	89,341	67,058	44,826	16,470	4,755	14.6	3,643
Weber	UT	124,738	5,743	84,914	34,081	100.0	4.6	68.1	27.3	124,703	107,537	72,166	9,217	7,196	7.7	3,823
Arlington County	VA	204,248	6,104	16,057	182,087	100.0	3.0	7.9	89.1	203,385	173,392	93,810	11,268	4,898	15.5	9,691
Chesapeake City	VA	211,896	10,380	83,955	117,561	100.0	4.9	39.6	55.5	246,025	201,835	127,812	27,682	11,003	13.2	5,551
Chesterfield County	VA	295,266	9,598	102,907	182,761	100.0	3.3	34.9	61.9	289,627	256,459	161,579	18,608	11,029	8.2	5,111
Fairfax County	VA	1,249,778	35,995	150,438	1,063,345	100.0	2.9	12.0	85.1	1,259,058	1,099,311	663,521	105,188	31,973	7.0	7,544
Hampton City	VA	136,569	8,514	58,478	69,577	100.0	6.2	42.8	50.9	136,545	125,956	79,329	6,297	1,987	20.3	5,323
Hanover County	VA	88,820	2,725	28,060	58,035	100.0	3.1	31.6	65.3	89,399	73,678	48,489	13,542	594	6.4	4,831
Henrico County	VA	236,682	8,953	68,835	158,894	100.0	3.8	29.1	67.1	254,273	217,574	132,456	26,671	6,374	11.3	5,568
Loudoun County	VA	213,494	3,617	24,069	185,808	100.0	1.7	11.3	87.0	221,547	155,586	98,348	56,943	6,249	5.3	6,588
Newport News City	VA	197,055	16,395	82,151	98,509	100.0	8.3	41.7	50.0	195,869	175,990	110,958	8,271	5,288	23.8	5,301
Norfolk City	VA	245,283	27,791	103,913	113,579	100.0	11.3	42.4	46.3	252,926	214,305	127,803	22,543	3,974	32.7	5,638
Portsmouth City	VA	112,274	13,957	59,035	39,282	100.0	12.4	52.6	35.0	113,748	99,416	60,404	9,554	941	29.5	5,621
Prince William County	VA	344,945	10,719	113,878	220,348	100.0	3.1	33.0	63.9	344,988	302,347	182,831	33,150	7,304	7.8	6,058
Richmond City	VA	249,789	23,929	67,126	158,734	100.0	9.6	26.9	63.5	243,741	209,796	118,201	22,003	199	36.6	7,550
Spotsylvania County	VA	104,461	2,425	37,569	64,467	100.0	2.3	36.0	61.7	128,967	87,726	55,580	33,601	6,440	8.9	5,314
Stafford County	VA	113,372	4,160	40,567	68,645	100.0	3.7	35.8	60.5	122,059	95,678	60,396	20,002	5,349	7.2	5,286
Virginia Beach City	VA	480,662	28,660	182,487	269,515	100.0	6.0	38.0	56.1	455,879	398,578	260,188	39,349	12,476	12.2	5,142

Table 93.—Revenues and expenditures of public school districts enrolling more than 15,000 students, by state: 1997–98—Continued

Name of district, by state	State	Revenues by source of funds, in thousands				Percentage distribution of revenues				Expenditures, in thousands					Poverty rate of 5- to 17-year-olds, 1996–97	Current expenditure per pupil[1]
		Total	Federal	State	Local	Total	Federal	State	Local	Total[2]	Current expenditures		Capital outlay	Interest on school debt		
											Total	Instruction				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Bellevue	WA	127,493	3,489	64,641	59,363	100.0	2.7	50.7	46.6	116,924	96,354	55,744	18,021	859	8.0	6,240
Bethel	WA	91,187	4,042	66,037	21,108	100.0	4.4	72.4	23.1	90,646	84,475	48,334	3,670	2,111	11.2	5,565
Edmonds	WA	143,243	6,537	91,920	44,786	100.0	4.6	64.2	31.3	183,541	123,137	73,460	50,340	9,117	8.4	5,624
Everett	WA	132,904	4,863	80,825	47,216	100.0	3.7	60.8	35.5	143,780	106,066	63,000	27,219	8,961	12.3	5,816
Evergreen (Clark)	WA	127,082	4,448	89,092	33,542	100.0	3.5	70.1	26.4	134,900	110,980	66,616	18,428	4,895	8.6	5,745
Federal Way	WA	130,520	4,683	89,514	36,323	100.0	3.6	68.6	27.8	134,604	117,609	73,910	11,704	4,731	8.2	5,480
Highline	WA	117,226	6,660	80,719	29,847	100.0	5.7	68.9	25.5	116,260	108,150	64,813	5,105	2,394	15.8	5,800
Kent	WA	174,236	6,755	108,009	59,472	100.0	3.9	62.0	34.1	197,290	146,790	88,416	39,064	11,014	9.6	5,700
Lake Washington	WA	168,357	4,186	102,014	62,157	100.0	2.5	60.6	36.9	175,534	137,954	85,070	28,560	7,420	5.6	5,559
Northshore	WA	147,197	3,378	87,802	56,017	100.0	2.3	59.6	38.1	162,879	119,517	74,308	32,801	10,079	3.7	6,014
Puyallup	WA	128,527	3,049	83,879	41,599	100.0	2.4	65.3	32.4	132,342	105,416	63,499	18,212	8,211	6.2	5,482
Seattle	WA	403,252	30,939	215,008	157,305	100.0	7.7	53.3	39.0	411,155	328,717	183,566	79,944	57	19.0	6,865
Spokane	WA	210,375	15,334	143,250	51,791	100.0	7.3	68.1	24.6	210,456	193,718	119,403	8,585	3,483	18.8	5,940
Tacoma	WA	253,608	23,540	153,808	76,260	100.0	9.3	60.6	30.1	247,900	214,160	126,995	33,014	659	20.7	6,539
Vancouver	WA	163,916	9,376	112,977	41,563	100.0	5.7	68.9	25.4	195,976	124,474	74,194	61,827	9,195	16.5	5,856
Kanawha County	WV	218,476	17,311	115,637	85,528	100.0	7.9	52.9	39.1	218,909	193,568	121,670	16,568	474	19.3	6,151
Green Bay Area	WI	158,306	8,732	83,066	66,508	100.0	5.5	52.5	42.0	166,170	139,609	93,432	21,505	4,438	12.4	7,001
Kenosha	WI	144,850	8,047	86,671	50,132	100.0	5.6	59.8	34.6	152,185	128,745	80,456	18,320	4,609	14.2	6,612
Madison Metropolitan	WI	237,008	8,515	59,233	169,260	100.0	3.6	25.0	71.4	231,144	215,121	137,518	8,994	3,810	14.5	8,494
Milwaukee	WI	872,681	98,438	568,280	205,963	100.0	11.3	65.1	23.6	871,670	816,782	509,228	36,582	0	32.0	8,067
Racine	WI	166,516	8,553	104,879	53,084	100.0	5.1	63.0	31.9	170,697	160,116	104,419	7,468	2,642	14.6	7,284

—Not applicable.
ISD=Independent school district.
[1] Current expenditure per pupil based on fall enrollment collected by the Bureau of the Census.
[2] Includes other expenditures not shown separately.
NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and U.S. Department of Commerce, "Survey of Local Government Finances." (This table was prepared July 2001.)

Table 94.—Enrollment, poverty, and federal funds for the 100 largest school districts: 1996–97, 1997–98, 1999, and 2001–02

Name of district, by enrollment size	State	Rank order	Enrollment, fall 1999	5- to 17-year-old population, 1996–97	5- to 17-year-old population below the poverty level, 1996–97	Poverty rate of 5- to 17-year-olds, 1996–97	Revenues by source of funds, in thousands, 1997–98			Federal revenue per student, 1997–98	Revenue for selected federal programs, in thousands, 1997–98								Title I allocations for 2001–02, in thousands	
							Total	Federal	Federal as a percent of total		Title I, basic and concentration grants	School lunch	Bilingual	Indian education	Vocational education	Drug-free schools	Eisenhower, math and science	Special education	Basic grants	Concentration grants
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
New York City	NY	1	1,075,710	1,275,929	445,262	34.9	$9,155,552	$870,540	9.5	$812	$438,445	$233,657	$15,427	$70	$13,578	$14,595	$9,819	$64,113	$397,541	$85,259
Los Angeles Unified	CA	2	710,007	811,090	292,190	36.0	4,923,865	454,279	9.2	668	163,730	167,675	0	0	11,075	7,979	3,904	40,504	178,088	40,083
City of Chicago	IL	3	431,750	535,775	163,842	30.6	3,083,835	412,494	13.4	963	170,355	124,420	717	77	8,175	4,861	4,413	21,965	137,865	28,867
Dade County	FL	4	360,136	385,820	100,532	26.1	2,557,027	202,952	7.9	587	72,154	73,502	1,272	0	6,081	2,356	1,608	11,135	65,297	13,909
Broward County	FL	5	241,094	248,170	39,377	15.9	1,552,136	99,409	6.4	442	27,292	31,321	0	10	1,798	2,528	975	11,775	24,342	5,479
Clark County	NV	6	217,526	218,823	31,014	14.2	1,223,364	54,219	4.4	284	15,405	17,317	131	121	2,818	1,335	765	8,278	18,009	4,053
Houston ISD	TX	7	209,716	226,630	69,402	30.6	1,197,041	123,456	10.3	585	52,797	47,947	1,333	0	2,521	2,346	1,381	7,256	50,084	10,559
Philadelphia City	PA	8	205,199	266,361	76,151	28.6	1,554,208	182,186	11.7	856	81,995	44,346	809	0	5,094	922	453	0	72,080	16,345
Hawaii Department of Education	HI	9	185,860	212,243	30,863	14.5	1,279,125	107,149	8.4	564	20,255	29,347	537	0	5,127	2,055	996	8,265	21,040	4,242
Detroit City	MI	10	167,124	216,399	85,871	39.7	1,420,219	147,128	10.4	842	94,575	30,522	150	227	4,015	1,875	1,244	6,533	77,828	19,265
Dallas ISD	TX	11	160,477	163,432	48,995	30.0	940,014	95,848	10.2	608	32,647	38,439	256	88	1,817	1,383	893	4,292	30,070	8,784
Hillsborough County	FL	12	159,517	174,462	34,417	19.7	1,056,290	96,580	9.1	632	24,997	27,308	303	0	2,288	1,205	852	9,255	21,534	4,847
Fairfax County	VA	13	152,952	162,501	11,309	7.0	1,249,778	35,995	2.9	247	5,809	1,897	144	0	1,106	544	292	9,207	6,717	1,512
Palm Beach County	FL	14	149,665	155,443	26,462	17.0	1,079,586	77,197	7.2	541	18,148	20,491	848	0	1,437	0	686	7,698	16,277	3,663
Orange County	FL	15	144,231	150,361	26,484	17.6	882,431	48,450	5.5	362	14,208	17,850	97	0	2,073	1,098	513	7,953	16,456	3,704
San Diego City Unified	CA	16	140,743	166,223	46,587	28.0	982,542	78,081	7.9	573	27,868	23,003	0	0	1,066	1,572	678	7,268	28,215	6,350
Prince George's County	MD	17	131,059	142,005	18,043	12.7	968,392	46,371	4.8	361	10,859	19,467	0	37	835	622	423	6,300	13,891	3,127
Montgomery County	MD	18	130,720	145,823	11,964	8.2	1,239,055	35,368	2.9	283	7,402	11,645	79	13	660	545	470	7,027	9,255	2,083
Duval County	FL	19	126,362	147,648	26,006	17.6	763,122	57,096	7.5	450	18,812	18,469	0	0	1,307	407	928	10,079	16,493	3,631
Memphis City	TN	20	112,819	130,211	29,602	22.7	661,871	69,954	10.6	629	25,605	24,467	0	0	2,551	635	724	6,320	22,405	4,689
Pinellas County	FL	21	111,793	127,586	22,245	17.4	734,162	44,368	6.0	406	13,217	15,174	0	0	1,471	731	449	9,643	13,724	3,089
Baltimore County	MD	22	106,465	117,752	12,983	11.0	825,062	37,622	4.6	359	9,871	8,711	0	0	796	476	437	7,000	10,265	2,310
Gwinnett County	GA	23	104,552	97,611	7,444	7.6	658,850	15,163	2.3	162	2,577	5,884	148	0	360	428	224	4,119	4,796	1,079
Baltimore City	MD	24	103,000	118,325	37,609	31.8	823,135	98,481	12.0	917	40,383	22,793	0	65	2,893	1,265	901	8,359	33,884	7,028
Charlotte-Mecklenburg	NC	25	100,553	113,093	14,763	13.1	625,438	34,181	5.5	357	8,670	15,136	84	50	977	705	269	3,763	8,917	2,007
Milwaukee	WI	26	99,729	118,228	37,888	32.0	872,681	98,438	11.3	972	48,546	20,331	162	222	1,750	1,152	1,039	8,655	39,092	7,472
Jefferson County	KY	27	97,053	111,400	18,950	17.0	662,998	62,798	9.5	629	17,892	17,896	0	0	1,019	1,255	565	6,516	14,553	2,845
De Kalb County	GA	28	95,283	91,287	14,396	15.8	638,780	30,834	4.8	336	8,397	17,298	0	0	468	838	30	3,758	9,244	2,081
Wake County	NC	29	95,248	98,431	9,971	10.1	539,242	22,624	4.2	252	4,757	7,556	147	0	690	424	195	5,452	6,000	1,350
Cobb County	GA	30	93,657	92,335	7,439	8.1	585,362	16,216	2.8	184	3,229	5,383	0	0	323	415	225	4,808	4,833	1,088
Long Beach Unified	CA	31	91,465	87,307	29,085	33.3	550,591	64,707	11.8	753	25,194	18,403	0	0	1,050	935	536	3,899	20,268	4,763
Jefferson County	CO	32	88,579	94,139	6,282	6.7	549,776	15,338	2.8	174	4,404	4,137	345	45	488	414	245	3,624	4,145	933
Albuquerque	NM	33	85,381	97,576	18,949	19.4	487,210	36,018	7.4	413	14,189	9,791	227	806	15	959	446	4,784	11,954	2,361
Orleans Parish School Board	LA	34	80,526	89,065	31,904	35.8	467,735	67,919	14.5	817	30,409	23,765	480	0	575	1,067	807	2,532	25,407	4,862
Fresno Unified	CA	35	78,766	86,919	37,699	43.4	489,507	59,951	12.2	767	24,416	18,341	0	0	1,242	866	586	4,778	23,037	5,185
Polk County	FL	36	78,685	85,605	19,194	22.4	466,587	38,452	8.2	503	12,619	15,421	0	0	1,076	524	540	4,154	11,823	2,661
Fort Worth ISD	TX	37	78,654	87,916	24,927	28.4	454,267	45,227	10.0	588	15,333	14,642	0	18	827	882	374	3,897	14,807	4,086
Austin ISD	TX	38	77,723	87,730	16,176	18.4	475,457	33,029	6.9	431	10,422	12,556	16	10	644	962	309	3,970	9,786	2,181
Virginia Beach City	VA	39	77,363	85,065	10,343	12.2	480,662	28,660	6.0	370	4,123	6,589	0	0	704	322	160	3,861	6,152	1,385
Cleveland City	OH	40	76,559	92,596	34,371	37.1	657,834	64,503	9.8	843	36,285	15,317	0	0	2,615	678	636	3,052	28,247	6,977
Anne Arundel County	MD	41	74,663	89,157	7,803	8.8	528,757	18,958	3.6	258	4,817	4,140	0	0	441	283	207	4,805	5,940	1,337
Jordan	UT	42	73,111	73,233	4,404	6.0	328,401	16,976	5.2	232	2,862	4,747	0	34	1,206	283	0	3,091	2,466	447
Granite	UT	43	72,170	82,178	8,407	10.2	329,067	26,281	8.0	351	4,714	6,905	180	86	1,136	480	0	3,734	4,812	2,248
Mesa Unified	AZ	44	71,894	92,114	12,034	13.1	387,000	23,080	6.0	331	9,041	6,779	0	281	579	412	249	2,625	6,707	1,509
District of Columbia	DC	45	70,762	69,519	23,031	33.1	706,938	116,366	16.5	1,509	24,058	22,621	599	252	3,701	1,916	1,042	3,513	21,341	4,763
Nashville-Davidson	TN	46	70,176	83,853	13,263	15.8	436,358	37,380	8.6	553	11,616	11,445	0	0	1,550	452	367	6,455	9,730	2,011
Denver County	CO	47	69,693	80,289	19,938	24.8	449,616	39,100	8.7	576	14,867	11,482	428	94	1,046	905	403	4,302	12,641	2,866
Brevard County	FL	48	69,661	76,782	12,307	16.0	411,105	23,442	5.7	345	6,899	6,697	0	0	376	338	257	5,108	7,638	1,719
Fulton County	GA	49	67,025	58,436	6,490	11.1	549,589	15,594	2.8	248	3,941	7,645	0	0	344	298	208	2,876	4,329	966
Columbus City	OH	50	65,490	81,941	22,055	26.9	534,115	49,335	9.2	760	20,582	13,004	0	3	1,955	1,040	451	2,919	16,675	4,119
Mobile County	AL	51	65,067	77,268	20,601	26.7	330,778	38,822	11.7	595	16,393	12,775	176	49	228	868	384	4,425	13,239	2,698
Boston	MA	52	62,950	86,074	30,552	35.5	686,956	42,659	6.2	669	23,802	9,636	37	0	16	899	585	5,897	25,393	5,715
Tucson Unified	AZ	53	62,548	80,719	18,255	22.6	358,366	37,275	10.4	597	14,513	10,877	428	313	1,157	520	353	3,061	10,224	2,301
Northside ISD	TX	54	62,536	60,709	7,364	12.1	356,115	21,070	5.9	351	5,821	7,966	0	0	447	702	207	3,003	4,747	1,029
Guilford County	NC	55	62,486	65,271	9,635	14.8	386,221	22,430	5.8	374	5,544	9,431	0	0	700	180	158	4,551	5,739	1,292
El Paso ISD	TX	56	62,306	74,058	26,807	36.2	370,896	38,186	10.3	598	15,438	12,365	0	0	901	555	210	1,786	16,381	3,546
San Francisco Unified	CA	57	60,896	91,577	19,836	21.7	453,242	30,030	6.6	492	11,647	9,707	0	0	530	901	387	0	12,387	2,788
Volusia County	FL	58	60,688	65,979	13,201	20.0	377,724	23,565	6.2	397	8,267	7,834	0	0	633	323	269	3,559	8,174	1,840
Cypress-Fairbanks ISD	TX	59	60,370	47,482	2,323	4.9	324,687	9,026	2.8	162	1,360	3,533	203	0	239	296	156	2,683	1,717	0
Davis	UT	60	59,486	61,000	4,067	6.7	271,358	17,879	6.6	302	2,279	5,051	98	19	1,127	228	169	2,941	2,231	[illegible]

Table 94.—Enrollment, poverty, and federal funds for the 100 largest school districts: 1996–97, 1997–98, 1999, and 2001–02—Continued

Name of district, by enrollment size	State	Rank order	Enrollment, fall 1999	5- to 17-year-old population, 1996–97	5- to 17-year-old population below the poverty level, 1996–97	Poverty rate of 5- to 17-year-olds, 1996–97	Revenues by source of funds, in thousands, 1997–98			Federal revenue per student, 1997–98	Revenue for selected federal programs, in thousands, 1997–98								Title I allocations for 2001–02, in thousands	
							Total	Federal	Federal as a percent of total		Title I, basic and concentration grants	School lunch	Bilingual	Indian education	Vocational education	Drug-free schools	Eisenhower, math and science	Special education	Basic grants	Concentration grants
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Atlanta City	GA	61	59,429	75,287	31,891	42.4	585,318	45,122	7.7	752	23,751	15,434	0	0	1,007	795	472	2,193	20,824	4,687
Seminole County	FL	62	59,326	70,739	9,129	12.9	345,773	13,350	3.9	235	3,898	4,725	0	0	327	256	188	2,645	5,622	1,265
Greenville County	SC	63	59,176	62,743	9,359	14.9	337,977	20,595	6.1	362	5,396	6,815	0	0	983	334	218	3,622	5,406	1,217
Santa Ana Unified	CA	64	58,043	58,821	18,853	32.1	354,515	28,968	8.2	538	7,251	12,018	0	0	472	609	214	2,971	11,203	2,522
San Antonio ISD	TX	65	57,565	72,646	28,058	39.7	430,354	55,645	12.9	911	22,037	20,184	259	0	1,126	699	524	3,363	18,126	3,910
Arlington ISD	TX	66	56,773	56,664	5,543	9.8	288,807	12,982	4.5	238	2,669	5,709	0	0	241	262	176	1,755	3,283	2
Lee County	FL	67	56,109	59,545	10,894	18.3	379,424	26,256	6.9	488	6,317	8,040	0	0	692	227	205	3,204	6,694	1,507
East Baton Rouge Parish School Board	LA	68	55,652	74,451	15,557	20.9	324,916	32,839	10.1	564	11,887	12,629	0	0	1,093	458	415	2,941	10,383	1,993
Oakland Unified	CA	69	55,051	74,981	26,387	35.2	417,271	35,671	8.5	666	14,398	12,977	0	0	954	655	383	3,093	16,292	3,667
Washoe County	NV	70	54,508	55,244	7,035	12.7	299,192	11,776	3.9	230	2,984	3,999	0	146	769	335	139	2,143	4,089	920
Portland	OR	71	53,587	65,954	11,544	17.5	440,921	32,193	7.3	582	12,540	7,719	0	179	0	348	147	3,528	8,941	2,012
Knox County	TN	72	52,840	59,204	8,531	14.4	281,576	21,486	7.6	420	5,227	5,547	0	0	550	290	241	2,448	5,415	1,216
Fort Bend ISD	TX	73	52,704	54,432	3,675	6.8	278,475	8,589	3.1	175	1,773	2,954	0	0	310	224	125	1,931	2,214	3
Prince William County	VA	74	52,551	55,214	4,331	7.8	344,945	10,719	3.1	215	1,245	3,698	0	0	308	166	108	3,171	2,572	0
Sacramento City Unified	CA	75	51,898	68,496	26,292	38.4	330,348	34,405	10.4	674	10,969	10,622	0	0	801	611	319	3,257	16,334	3,676
Jefferson Parish School Board	LA	76	51,835	83,082	15,558	18.7	338,335	32,908	9.7	605	11,122	12,327	250	33	389	1,727	386	3,600	10,533	2,000
Cumberland County	NC	77	51,300	52,367	10,744	20.5	293,553	25,743	8.8	505	7,771	10,210	0	74	793	240	236	2,155	6,413	1,443
Aldine ISD	TX	78	50,890	46,718	10,471	22.4	310,671	25,191	8.1	518	7,264	11,067	265	0	510	439	315	1,947	7,646	1,607
Chesterfield County	VA	79	50,847	54,383	4,467	8.2	295,266	9,598	3.3	191	1,855	2,134	0	0	354	249	103	3,440	2,657	0
San Bernardino City Unified	CA	80	50,340	55,328	24,318	44.0	287,304	29,798	10.4	629	11,347	11,521	0	0	352	519	275	2,567	14,720	3,313
Cincinnati City	OH	81	49,574	64,264	17,435	27.1	417,615	41,905	10.0	833	19,598	8,573	0	0	1,742	307	331	2,692	15,431	3,553
Anchorage	AK	82	49,382	54,115	6,420	11.9	360,721	31,550	8.7	645	5,661	4,827	240	857	904	670	341	3,485	5,557	1,259
North East ISD	TX	83	49,197	52,217	5,188	9.9	289,969	15,344	5.3	330	3,285	5,722	0	0	318	266	118	3,118	3,285	9
Shelby County	TN	84	49,078	38,405	1,761	4.6	223,726	9,677	4.3	211	1,834	2,545	0	0	351	250	139	3,675	1,511	234
Garland ISD	TX	85	49,036	45,277	4,448	9.8	260,122	10,724	4.1	230	2,585	4,762	0	0	253	258	125	1,579	2,736	0
Minneapolis	MN	86	48,688	53,765	16,172	30.1	523,132	33,849	6.5	689	13,169	11,491	839	265	12	425	434	3,158	11,637	3,336
San Juan Unified	CA	87	48,052	63,556	9,175	14.4	338,235	20,232	6.0	423	4,606	5,274	0	0	326	588	192	3,361	6,046	1,361
Garden Grove Unified	CA	88	48,031	52,447	11,735	22.4	267,436	23,763	8.9	519	10,432	8,836	0	0	406	495	223	2,249	7,468	5,203
Seattle	WA	89	47,989	63,387	12,047	19.0	403,252	30,939	7.7	646	10,383	6,465	0	186	731	573	309	3,048	8,042	3,436
Wichita	KS	90	47,778	62,103	10,834	17.4	305,038	32,879	10.8	702	8,245	7,368	0	0	582	322	257	2,892	7,741	1,742
Pasco County	FL	91	47,691	49,974	9,971	20.0	286,493	20,988	7.3	469	5,547	7,197	0	0	316	242	160	2,751	6,101	1,373
Ysleta ISD	TX	92	46,950	57,899	16,799	29.0	283,622	29,891	10.5	628	10,726	10,880	593	31	580	219	217	1,788	10,282	2,219
Buffalo City	NY	93	46,370	55,237	24,964	45.2	468,066	57,981	12.4	1,233	25,702	13,238	767	180	975	634	510	3,471	20,753	4,671
Caddo Parish School Board	LA	94	46,222	48,037	12,847	26.7	285,284	29,232	10.2	605	11,844	9,400	0	0	846	326	330	2,439	9,628	1,787
Alpine	UT	95	45,842	46,035	3,369	7.3	187,962	10,357	5.5	232	2,553	3,381	35	0	388	169	107	2,177	2,197	412
Saint Louis City	MO	96	45,658	65,046	22,382	34.4	411,087	47,211	11.5	1,021	19,944	13,820	0	0	2,217	14	0	2,829	16,988	3,586
Escambia County	FL	97	45,297	55,269	12,861	23.3	292,925	28,893	9.9	627	9,278	9,748	0	0	774	0	0	3,415	8,415	1,769
Clayton County	GA	98	45,266	41,056	8,070	19.7	283,902	16,252	5.7	381	3,235	7,529	0	0	233	201	157	3,427	5,247	1,181
St. Paul	MN	99	45,253	46,802	12,051	25.7	404,088	27,644	6.8	612	10,783	10,384	0	149	31	413	351	1,981	8,744	2,187
Plano ISD	TX	100	45,133	55,078	1,884	3.4	319,227	5,467	1.7	126	653	1,623	0	0	137	190	93	1,471	1,115	0

ISD=Independent school district.

NOTE: Federal revenue per student based on fall enrollment collected by the Bureau of the Census. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and U.S. Department of Commerce, "Survey of Local Government Finances." (This table was prepared July 2001.)

Table 95.—Public elementary and secondary schools, by type of school: 1967–68 to 1999–2000

Year	Total, all public schools	Schools with reported grade spans											Other schools[6]
		Total	Elementary schools				Secondary schools					Combined elementary/ secondary schools[5]	
			Total[1]	Middle schools[2]	One-teacher schools	Other elementary schools	Total[3]	Junior high[4]	3-year or 4-year high schools	5-year or 6-year high schools	Other secondary schools		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1967–68	—	94,197	67,186	—	4,146	63,040	23,318	7,437	10,751	4,650	480	3,693	—
1970–71	—	89,372	64,020	2,080	1,815	60,125	23,572	7,750	11,265	3,887	670	1,780	—
1972–73	—	88,864	62,942	2,308	1,475	59,159	23,919	7,878	11,550	3,962	529	2,003	—
1974–75	—	87,456	61,759	3,224	1,247	57,288	23,837	7,690	11,480	4,122	545	1,860	—
1975–76	88,597	87,034	61,704	3,916	1,166	56,622	23,792	7,521	11,572	4,113	586	1,538	1,563
1976–77	—	86,501	61,123	4,180	1,111	55,832	23,857	7,434	11,658	4,130	635	1,521	—
1978–79	—	84,816	60,312	5,879	1,056	53,377	22,834	6,282	11,410	4,429	713	1,670	—
1980–81	85,982	83,688	59,326	6,003	921	52,402	22,619	5,890	10,758	4,193	1,778	1,743	2,294
1982–83	84,740	82,039	58,051	6,875	798	50,378	22,383	5,948	11,678	4,067	690	1,605	2,701
1983–84	84,178	81,418	57,471	6,885	838	49,748	22,336	5,936	11,670	4,046	684	1,611	2,760
1984–85	84,007	81,147	57,231	6,893	825	49,513	22,320	5,916	11,671	4,021	712	1,596	2,860
1986–87	83,455	82,190	58,801	7,452	763	50,586	21,406	5,142	11,453	4,197	614	1,983	[7] 1,265
1987–88	83,248	81,416	57,575	7,641	729	49,205	21,662	4,900	11,279	4,048	1,435	2,179	[7] 1,832
1988–89	83,165	81,579	57,941	7,957	583	49,401	21,403	4,687	11,350	3,994	1,372	2,235	[7] 1,586
1989–90	83,425	81,880	58,419	8,272	630	49,517	21,181	4,512	11,492	3,812	1,365	2,280	[7] 1,545
1990–91	84,538	82,475	59,015	8,545	617	49,853	21,135	4,561	11,537	3,723	1,314	2,325	2,063
1991–92	84,578	82,506	59,258	8,829	569	49,860	20,767	4,298	11,528	3,699	1,242	2,481	2,072
1992–93	84,497	82,896	59,676	9,152	430	50,094	20,671	4,115	11,651	3,613	1,292	2,549	1,601
1993–94	85,393	83,431	60,052	9,573	442	50,037	20,705	3,970	11,858	3,595	1,282	2,674	1,962
1994–95	86,221	84,476	60,808	9,954	458	50,396	20,904	3,859	12,058	3,628	1,359	2,764	1,745
1995–96	87,125	84,958	61,165	10,205	474	50,486	20,997	3,743	12,168	3,621	1,465	2,796	2,167
1996–97	88,223	86,092	61,805	10,499	487	50,819	21,307	3,707	12,424	3,614	1,562	2,980	2,131
1997–98	89,508	87,541	62,739	10,944	476	51,319	21,682	3,599	12,734	3,611	1,738	3,120	1,967
1998–99	90,874	89,259	63,462	11,202	463	51,797	22,076	3,607	13,457	3,707	1,305	3,721	1,615
1999–2000	92,012	90,538	64,131	11,521	423	52,187	22,365	3,566	13,914	3,686	1,199	4,042	1,474

—Not available.

[1] Includes schools beginning with grade 6 or below and with no grade higher than 8.

[2] Includes schools with grade spans beginning with 4, 5, or 6 and ending with grade 6, 7, or 8.

[3] Includes schools with no grade lower than 7.

[4] Includes schools with grades 7 and 8 or grades 7 through 9.

[5] Includes schools beginning with grade 6 or lower and ending with grade 9 or above.

[6] Includes special education, alternative, and other schools not classified by grade span.

[7] Because of revision in data collection procedures, figures not comparable to data for other years.

NOTE: Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems;* and Common Core of Data surveys. (This table was prepared October 2001.)

Table 96.—Public elementary and secondary schools, by type and size of school: 1999–2000

Enrollment size of school	Number of schools, by type						Enrollment, by type of school[1]					
	Total[2]	Elementary[3]	Secondary[4]		Combined elementary/secondary[5]	Other[2]	Total[2]	Elementary[3]	Secondary[4]		Combined elementary/secondary[5]	Other[2]
			All schools	Regular schools[6]					All schools	Regular schools[6]		
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**92,012**	**64,131**	**22,365**	**18,784**	**4,042**	**1,474**	**46,689,373**	**30,460,283**	**15,111,648**	**14,644,266**	**1,051,609**	**65,833**
Percent[7]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Under 100	10.44	6.29	15.81	9.15	42.70	66.10	0.91	0.64	1.00	0.62	6.26	20.97
100 to 199	9.56	8.72	10.68	9.84	16.78	13.86	2.74	2.77	2.22	1.84	8.64	15.31
200 to 299	11.26	12.39	8.25	8.34	9.41	8.80	5.44	6.58	2.89	2.64	8.17	17.23
300 to 399	13.27	15.54	7.71	8.20	7.24	5.81	8.90	11.40	3.81	3.65	8.96	16.08
400 to 499	13.18	15.93	6.62	7.21	5.36	2.43	11.36	15.01	4.20	4.12	8.52	8.67
500 to 599	11.23	13.32	6.38	7.06	4.69	0.94	11.79	15.29	4.96	4.94	9.08	4.05
600 to 699	8.44	9.71	5.61	6.22	4.05	0.75	10.48	13.17	5.16	5.13	9.33	4.01
700 to 799	6.05	6.61	5.21	5.80	2.14	0.00	8.66	10.35	5.52	5.53	5.65	0.00
800 to 999	7.04	6.84	8.43	9.49	3.51	0.75	12.00	12.67	10.73	10.85	11.12	5.28
1,000 to 1,499	6.03	4.04	12.71	14.37	2.68	0.19	13.83	9.85	22.10	22.46	11.29	2.10
1,500 to 1,999	2.06	0.51	6.97	7.92	0.72	0.19	6.78	1.78	17.05	17.41	4.39	2.96
2,000 to 2,999	1.21	0.09	4.69	5.35	0.43	0.19	5.45	0.43	15.70	16.09	3.72	3.36
3,000 or more	0.24	0.01	0.92	1.04	0.29	0.00	1.66	0.07	4.65	4.72	4.87	0.00
Average enrollment[7]	521	477	706	785	282	123	521	477	706	785	282	123

[1] These enrollment data should be regarded as approximations only. Totals differ from those reported in other tables because this table represents data reported by schools rather than by states or school districts. Percent distribution and average enrollment calculations exclude data for schools not reporting enrollment.

[2] Includes special education, alternative, and other schools not classified by grade span.

[3] Includes schools beginning with grade 6 or below and with no grade higher than 8.

[4] Includes schools with no grade lower than 7.

[5] Includes schools beginning with grade 6 or below and ending with grade 9 or above.

[6] Excludes special education schools, vocational schools, and alternative schools.

[7] Data are for schools reporting their enrollment size.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared October 2001.)

Table 97.—Average size and distribution of enrollment of public elementary and secondary schools, by type: 1982–83 to 1999–2000

Year	Average enrollment size of schools, by type						Percentage distribution of schools, by size of enrollment							
	Total [1]	Elementary [2]	Secondary [3]		Combined elementary/ secondary [4]	Other [1]	Under 200	200 to 299	300 to 399	400 to 499	500 to 599	600 to 699	700 to 999	1000 or more
			All schools	Regular schools [5]										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1982–83	478	399	719	—	478	142	21.9	13.8	15.5	13.1	10.2	7.1	10.2	8.3
1983–84	480	401	720	—	475	145	21.7	13.7	15.5	13.2	10.2	7.1	10.3	8.3
1984–85	482	403	721	—	476	146	21.5	13.6	15.5	13.2	10.3	7.1	10.4	8.4
1987–88	490	424	695	711	420	122	20.3	12.9	14.9	13.8	11.1	7.8	11.2	8.0
1988–89	494	433	689	697	412	142	20.0	12.5	14.7	13.8	11.4	8.0	11.6	8.0
1989–90	493	441	669	689	402	142	19.8	12.2	14.5	13.7	11.5	8.3	12.0	7.9
1990–91	497	449	663	684	398	150	19.7	11.9	14.2	13.6	11.7	8.5	12.3	8.1
1991–92	507	458	677	717	407	152	19.1	11.7	14.1	13.5	11.8	8.6	12.8	8.5
1992–93	513	464	688	733	423	135	18.6	11.6	13.9	13.5	11.9	8.7	13.1	8.7
1993–94	518	468	693	748	418	136	18.6	11.5	13.6	13.5	11.7	8.8	13.3	9.0
1994–95	520	471	696	759	412	131	18.6	11.4	13.6	13.4	11.8	8.7	13.3	9.2
1995–96	525	476	703	771	401	136	18.5	11.2	13.5	13.4	11.8	8.8	13.4	9.4
1996–97	527	478	703	777	387	135	18.7	11.3	13.2	13.2	11.8	8.8	13.6	9.5
1997–98	525	478	699	779	374	121	19.3	11.2	13.1	13.3	11.6	8.6	13.4	9.6
1998–99	524	478	707	786	290	135	19.6	11.2	13.1	13.2	11.5	8.5	13.3	9.6
1999–2000	521	477	706	785	282	123	20.0	11.3	13.3	13.2	11.2	8.4	13.1	9.5

—Not available.

[1] Includes special education, alternative, and other schools not classified by grade span.

[2] Includes schools beginning with grade 6 or below and with no grade higher than 8.

[3] Includes schools with no grade lower than 7.

[4] Includes schools beginning with grade 6 or below and ending with grade 9 or above.

[5] Excludes special education schools, vocational schools, and alternative schools.

NOTE: Data reflect reports by schools rather than by states or school districts. Percent distribution and average enrollment calculations exclude data for schools not reporting enrollment. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared July 2001.)

Table 98.—Public elementary and secondary school students, by racial/ethnic enrollment concentration of school: Fall 1994 and fall 1999

Racial/ethnic group	Distribution of students in racial/ethnic group, by percent minority of school							Distribution of students in each racial/ethnic group, by percent of that racial/ethnic group in the school						
	Total	Less than 10 percent minority	10 to 24 percent minority	25 to 49 percent minority	50 to 74 percent minority	75 to 89 percent minority	90 percent or more minority	Total	Less than 10 percent of group	10 to 24 percent of group	25 to 49 percent of group	50 to 74 percent of group	75 to 89 percent of group	90 percent or more of group
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Number of students enrolled, 1994														
Total	43,787,599	14,660,071	8,021,494	8,181,588	5,359,329	2,695,150	4,869,967	—	—	—	—	—	—	—
White	28,639,089	14,089,859	6,679,828	5,205,779	2,058,480	469,651	135,492	28,639,089	135,180	467,293	2,046,901	5,208,699	6,679,483	14,101,523
Minority	15,148,510	570,212	1,341,666	2,975,809	3,300,849	2,225,499	4,734,475	—	—	—	—	—	—	—
Black	7,349,256	200,204	598,953	1,593,323	1,616,631	874,969	2,465,176	7,349,256	640,050	1,107,693	1,855,605	1,351,491	787,842	1,606,575
Hispanic	5,718,169	171,364	397,282	904,139	1,237,383	1,034,946	1,973,055	5,718,169	622,335	810,718	1,311,576	1,296,454	822,305	864,781
Asian/Pacific Islander	1,597,229	143,663	252,372	356,352	371,521	280,626	192,695	1,597,229	681,953	412,828	297,431	128,233	65,505	11,279
American Indian/ Alaskan Native	483,856	54,981	93,059	121,995	75,314	34,958	103,549	483,856	213,277	73,334	63,875	34,136	13,881	85,353
Number of students enrolled, 1999														
Total	45,537,874	13,141,470	8,534,984	8,592,822	5,843,330	3,343,979	6,081,289	—	—	—	—	—	—	—
White	28,137,113	12,594,720	7,102,808	5,451,173	2,234,767	574,416	179,229	28,137,113	178,395	573,557	2,223,628	5,451,594	7,099,379	12,610,560
Minority	17,400,761	546,750	1,432,176	3,141,649	3,608,563	2,769,563	5,902,060	—	—	—	—	—	—	—
Black	7,769,814	181,646	571,543	1,507,985	1,629,443	1,024,102	2,855,095	7,769,814	713,608	1,177,285	1,899,260	1,362,305	848,824	1,768,532
Hispanic	7,232,942	179,141	473,821	1,069,576	1,475,328	1,359,128	2,675,948	7,232,942	715,450	982,483	1,611,509	1,651,005	1,086,227	1,186,268
Asian/Pacific Islander	1,864,825	134,761	286,953	423,818	413,876	341,153	264,264	1,864,825	774,882	506,473	320,623	166,635	81,173	15,039
American Indian/ Alaskan Native	533,180	51,202	99,859	140,270	89,916	45,180	106,753	533,180	244,528	83,022	70,232	40,242	15,890	79,266
Percent of students enrolled, 1994														
Total	100.0	33.5	18.3	18.7	12.2	6.2	11.1	—	—	—	—	—	—	—
White	100.0	49.2	23.3	18.2	7.2	1.6	0.5	100.0	0.5	1.6	7.1	18.2	23.3	49.2
Minority	100.0	3.8	8.9	19.6	21.8	14.7	31.3	—	—	—	—	—	—	—
Black	100.0	2.7	8.1	21.7	22.0	11.9	33.5	100.0	8.7	15.1	25.2	18.4	10.7	21.9
Hispanic	100.0	3.0	6.9	15.8	21.6	18.1	34.5	100.0	10.9	14.2	22.9	22.5	14.4	15.1
Asian/Pacific Islander	100.0	9.0	15.8	22.3	23.3	17.6	12.1	100.0	42.7	25.8	18.6	8.0	4.1	0.7
American Indian/ Alaskan Native	100.0	11.4	19.2	25.2	15.6	7.2	21.4	100.0	44.1	15.2	13.2	7.1	2.9	17.6
Percent of students enrolled, 1999														
Total	100.0	28.9	18.7	18.9	12.8	7.3	13.4	—	—	—	—	—	—	—
White	100.0	44.8	25.2	19.4	7.9	2.0	0.6	100.0	0.6	2.0	7.9	19.4	25.2	44.8
Minority	100.0	3.1	8.2	18.1	20.7	15.9	33.9	—	—	—	—	—	—	—
Black	100.0	2.3	7.4	19.4	21.0	13.2	36.7	100.0	9.2	15.2	24.4	17.5	10.9	22.8
Hispanic	100.0	2.5	6.6	14.8	20.4	18.8	37.0	100.0	9.9	13.6	22.3	22.8	15.0	16.4
Asian/Pacific Islander	100.0	7.2	15.4	22.7	22.2	18.3	14.2	100.0	41.6	27.2	17.2	8.9	4.4	0.8
American Indian/ Alaskan Native	100.0	9.6	18.7	26.3	16.9	8.5	20.0	100.0	45.9	15.6	13.2	7.5	3.0	14.9

—Not available.

NOTE: Data reflect racial/ethnic data reported by schools. Because some schools do not report complete racial/ethnic data, totals may differ from figures in other tables. Excludes 1999 data for Idaho and Tennessee because racial/ethnic data were not reported. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared July 2001.)

Table 99.—Public elementary and secondary schools, by type and state: 1990–91 to 1999–2000

State or other area	Total, all schools, 1990–91	Total, all schools, 1995–96	Total, all schools, 1998–99	Number of schools, 1999–2000										
							Combined elementary/secondary[3]							
				Total	Elementary[1]	Secondary[2]	Total	Prekindergarten, kindergarten, or 1st grade to grade 12	Other schools ending with grade 12	Other combined schools	Other[4]	Alternative[5]	Special education[5]	One-teacher schools[6]
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	**84,538**	**87,125**	**90,874**	**92,012**	**64,131**	**22,365**	**4,042**	**2,220**	**1,338**	**484**	**1,474**	**4,115**	**1,947**	**423**
Alabama	1,297	1,319	1,516	1,516	913	410	193	145	38	10	0	76	32	0
Alaska	498	495	502	502	201	90	211	198	4	9	0	22	1	22
Arizona	1,049	1,133	1,570	1,641	1,086	403	123	81	31	11	29	84	14	6
Arkansas	1,098	1,098	1,109	1,123	707	409	7	1	4	2	0	4	0	0
California	7,913	7,876	8,343	8,578	6,181	2,057	340	317	20	3	0	1,035	127	46
Colorado	1,344	1,486	1,560	1,587	1,143	373	57	25	26	6	14	80	13	3
Connecticut	985	1,045	1,104	1,086	821	212	40	14	4	22	13	47	30	0
Delaware	173	181	201	185	124	43	17	14	2	1	1	4	16	0
District of Columbia	181	186	164	189	132	41	3	1	1	1	13	6	10	0
Florida	2,516	2,760	3,111	3,209	2,145	471	593	297	284	12	0	127	130	4
Georgia	1,734	1,763	1,843	1,887	1,507	317	63	13	46	4	0	23	1	0
Hawaii	235	246	254	256	196	50	9	7	1	1	1	1	4	1
Idaho	582	618	660	668	410	226	32	27	4	1	0	66	12	10
Illinois	4,239	4,142	4,302	4,332	3,169	1,021	126	52	49	25	16	128	262	1
Indiana	1,915	1,924	1,958	1,960	1,410	463	54	17	33	4	33	67	39	0
Iowa	1,588	1,556	1,555	1,535	1,057	437	35	1	33	1	6	39	10	5
Kansas	1,477	1,487	1,437	1,440	1,010	425	4	1	2	1	1	0	5	1
Kentucky	1,400	1,402	1,534	1,526	1,015	441	52	9	42	1	18	75	13	0
Louisiana	1,533	1,470	1,510	1,533	1,030	336	143	88	34	21	24	99	29	0
Maine	747	726	720	719	539	163	17	12	5	0	0	0	3	11
Maryland	1,220	1,276	1,357	1,374	1,071	244	33	13	10	10	26	62	51	1
Massachusetts	1,842	1,850	1,900	1,904	1,510	348	36	19	10	7	10	35	5	0
Michigan	3,313	3,748	3,914	3,927	2,646	866	137	80	41	16	278	85	152	12
Minnesota	1,590	2,157	2,348	2,361	1,252	717	139	44	64	31	253	354	200	7
Mississippi	972	1,011	1,015	1,016	576	315	100	67	32	1	25	52	0	0
Missouri	2,199	2,256	2,328	2,355	1,548	646	105	46	54	5	56	77	63	0
Montana	900	894	886	882	517	365	0	0	0	0	0	5	2	82
Nebraska	1,506	1,411	1,352	1,345	974	350	21	8	8	5	0	0	61	83
Nevada	354	423	469	491	354	117	10	4	5	1	10	31	14	11
New Hampshire	439	460	516	521	425	96	0	0	0	0	0	0	0	0
New Jersey	2,272	2,279	2,318	2,383	1,855	438	11	2	5	4	79	0	85	0
New Mexico	681	721	746	760	552	194	14	6	8	0	0	41	17	3
New York	4,010	4,149	4,230	4,286	3,081	940	155	83	53	19	110	86	28	0
North Carolina	1,955	1,985	2,106	2,165	1,688	370	105	38	51	16	2	59	26	1
North Dakota	663	613	595	590	343	212	4	3	1	0	31	0	31	6
Ohio	3,731	3,865	3,852	3,894	2,775	988	58	29	24	5	73	47	29	2
Oklahoma	1,880	1,830	1,825	1,817	1,219	588	5	5	0	0	5	3	13	2
Oregon	1,199	1,216	1,275	1,277	924	264	42	36	6	0	47	87	16	9
Pennsylvania	3,260	3,182	3,205	3,230	2,383	789	40	5	17	18	18	13	12	1
Rhode Island	309	310	318	318	258	56	2	2	0	0	2	6	4	0
South Carolina	1,097	1,095	1,101	1,111	811	282	15	7	6	2	3	17	8	1
South Dakota	802	824	778	771	466	288	14	10	4	0	3	24	7	42
Tennessee	1,543	1,563	1,589	1,613	1,172	368	64	40	20	4	9	14	20	0
Texas	5,991	6,638	7,228	7,395	4,899	1,995	501	217	136	148	0	574	140	4
Utah	714	735	769	788	509	250	14	4	8	2	15	57	21	5
Vermont	397	384	395	396	284	71	41	36	4	1	0	1	61	3
Virginia	1,811	1,889	1,918	1,929	1,438	399	22	4	13	5	70	75	36	0
Washington	1,936	2,124	2,234	2,281	1,386	588	139	62	44	33	168	218	69	23
West Virginia	1,015	877	857	853	620	193	31	9	15	7	9	26	11	0
Wisconsin	2,018	2,037	2,109	2,118	1,532	533	53	14	32	7	0	67	9	1
Wyoming	415	410	388	389	267	107	12	7	4	1	3	16	5	14
Bureau of Indian Affairs	—	—	188	189	108	26	52	45	3	4	3	0	0	[7]26
Department of Defense dependents schools:														
Domestic schools	—	—	—	71	60	7	4	2	2	0	0	0	0	0
Overseas schools	—	171	155	156	105	40	11	11	0	0	0	0	0	0
Outlying areas														
American Samoa	30	31	31	31	24	6	0	0	0	0	1	0	1	0
Guam	35	35	37	38	34	4	0	0	0	0	0	0	0	0
Northern Marianas	26	24	26	26	23	3	0	0	0	0	0	0	0	0
Puerto Rico	1,619	1,561	1,538	1,531	919	381	203	9	5	189	28	25	28	0
Virgin Islands	33	34	36	36	23	12	1	0	0	1	0	2	0	0

—Not available.

[1] Includes schools beginning with grade 6 or below and with no grade higher than 8.

[2] Includes schools with no grade lower than 7.

[3] Includes schools beginning with grade 6 or below and ending with grade 9 or above.

[4] Includes schools not classified by grade span.

[5] Schools are also included under elementary, secondary, combined, or other as appropriate.

[6] Data for one teacher schools are included in other columns where appropriate

[7] Data are for 1998–99.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared October 2001.)

Table 100.—Public elementary schools, by grade span and average school size, by state: 1999–2000

State or other area	Total, all elementary schools	Total, all regular elementary schools[1]	Schools, by grade span						Average number of students per school[2]	
			Prekindergarten, kindergarten, or 1st grade to grades 3 or 4	Prekindergarten, kindergarten, or 1st grade to grade 5	Prekindergarten, kindergarten, or 1st grade to grade 6	Prekindergarten, kindergarten, or 1st grade to grade 8	Grades 4, 5, or 6 to 6, 7, or 8	Other grade spans	All elementary schools	Regular elementary schools[1]
1	2	3	4	5	6	7	8	9	10	11
United States	**64,131**	**63,219**	**4,977**	**22,263**	**14,015**	**4,740**	**11,521**	**6,615**	**477**	**482**
Alabama	913	901	84	272	187	79	195	96	485	487
Alaska	201	199	5	26	112	27	19	12	331	333
Arizona	1,086	1,059	62	223	314	249	152	86	520	524
Arkansas	707	706	101	128	272	4	121	81	382	382
California	6,181	6,050	189	1,877	2,457	629	839	190	624	636
Colorado	1,143	1,140	36	530	240	27	226	84	413	414
Connecticut	821	808	85	318	127	45	152	94	463	469
Delaware	124	122	43	16	6	1	30	28	567	571
District of Columbia	132	132	8	22	76	10	13	3	406	406
Florida	2,145	2,145	37	1,375	146	32	456	99	768	768
Georgia	1,507	1,505	27	845	122	17	328	168	667	667
Hawaii	196	195	1	53	113	7	21	1	604	607
Idaho	410	407	36	91	167	19	65	32	357	359
Illinois	3,169	3,057	337	673	506	726	494	433	433	444
Indiana	1,410	1,398	72	606	382	24	252	74	455	458
Iowa	1,057	1,055	99	331	246	18	217	146	289	290
Kansas	1,010	1,006	68	304	271	110	175	82	289	290
Kentucky	1,015	1,003	47	437	199	86	188	58	430	433
Louisiana	1,030	1,010	109	310	197	76	221	117	466	472
Maine	539	538	71	87	90	108	90	93	250	251
Maryland	1,071	1,035	17	622	144	23	207	58	547	560
Massachusetts	1,510	1,501	199	498	221	83	268	241	437	438
Michigan	2,646	2,646	225	1,080	468	106	502	265	413	413
Minnesota	1,252	1,137	121	300	420	39	204	168	414	448
Mississippi	576	575	79	108	129	45	124	91	530	530
Missouri	1,548	1,536	131	499	351	107	290	170	383	385
Montana	517	514	19	69	240	118	44	27	179	180
Nebraska	974	921	11	9	12	21	61	860	177	185
Nevada	354	350	13	156	93	18	54	20	640	646
New Hampshire	425	425	50	111	52	48	73	91	329	329
New Jersey	1,855	1,848	280	525	222	249	344	235	475	476
New Mexico	552	541	28	191	160	6	107	60	376	381
New York	3,081	3,078	256	1,079	637	107	588	414	611	611
North Carolina	1,688	1,674	71	939	75	109	397	97	539	542
North Dakota	343	343	11	37	206	53	22	14	184	184
Ohio	2,775	2,756	367	834	706	95	526	247	422	423
Oklahoma	1,219	1,210	61	350	179	298	218	113	345	346
Oregon	924	903	50	404	180	77	177	36	379	385
Pennsylvania	2,383	2,381	307	876	530	75	436	159	481	481
Rhode Island	258	256	36	98	48	4	42	30	415	416
South Carolina	811	810	81	356	89	24	208	53	567	567
South Dakota	466	463	24	99	118	124	73	28	178	179
Tennessee	1,172	1,169	131	359	178	217	212	75	517	517
Texas	4,899	4,821	534	1,850	736	88	1,086	605	535	543
Utah	509	504	16	102	328	5	39	19	524	526
Vermont	284	247	18	23	114	65	17	47	218	245
Virginia	1,438	1,428	62	770	157	12	290	147	533	536
Washington	1,386	1,322	70	494	439	63	225	95	439	456
West Virginia	620	616	80	194	176	46	95	29	303	304
Wisconsin	1,532	1,507	97	651	256	99	301	128	364	368
Wyoming	267	266	15	56	121	22	37	16	196	196
Bureau of Indian Affairs	108	108	8	4	26	64	3	3	235	235
Department of Defense dependents schools:										
Domestic schools	60	60	15	18	6	2	10	9	476	476
Overseas schools	105	105	8	8	52	8	16	3	491	491
Outlying areas										
American Samoa	24	24	1	0	0	21	1	1	496	496
Guam	34	34	0	23	0	0	7	4	708	708
Northern Marianas	23	23	0	0	10	0	1	12	316	316
Puerto Rico	919	888	83	20	760	4	29	23	312	312
Virgin Islands	23	23	0	1	22	0	0	0	483	483

[1] Excludes special education and alternative schools.

[2] Average for schools reporting enrollment data.

NOTE: Includes schools beginning with grade 6 or below and with no grade higher than 8. Excludes schools not reported by grade level, such as some special education schools for the disabled.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared June 2001.)

Table 101.—Public secondary schools, by grade span and average school size, by state: 1999–2000

State or other area	Total, all secondary schools	Total, all regular secondary schools [1]	Schools, by grade span							Vocational schools [2]	Average number of students per school [3]	
			Grades 7 to 8 and 7 to 9	Grades 7 to 12	Grades 8 to 12	Grades 9 to 12	Grades 10 to 12	Other spans ending with grade 12	Other grade spans		All secondary schools	Regular secondary schools [1]
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**22,365**	**18,784**	**3,566**	**3,309**	**377**	**13,148**	**766**	**260**	**939**	**1,048**	**706**	**785**
Alabama	410	297	34	108	7	212	36	8	5	81	667	695
Alaska	90	75	15	28	1	44	1	0	1	2	491	554
Arizona	403	366	78	31	2	273	10	1	8	13	757	799
Arkansas	409	406	55	200	4	65	57	2	26	1	441	443
California	2,057	1,292	412	181	4	1,395	41	5	19	0	955	1,442
Colorado	373	311	49	65	6	234	10	2	7	8	625	712
Connecticut	212	176	28	11	2	162	2	1	6	17	792	884
Delaware	43	36	11	1	0	31	0	0	0	5	938	969
District of Columbia	41	38	10	2	0	29	0	0	0	0	492	521
Florida	471	435	25	38	11	371	5	3	18	36	1,396	1,483
Georgia	317	301	18	6	10	276	3	0	4	0	1,174	1,231
Hawaii	50	48	12	9	0	27	0	0	2	0	1,285	1,334
Idaho	226	163	47	58	5	93	18	0	5	0	437	561
Illinois	1,021	819	195	67	26	622	13	36	62	26	630	738
Indiana	463	405	73	102	0	253	5	1	29	29	792	828
Iowa	437	403	63	96	0	267	9	0	2	0	414	440
Kansas	425	425	65	86	2	261	7	2	2	0	407	407
Kentucky	441	309	36	86	4	305	3	5	2	91	621	682
Louisiana	336	288	63	46	17	195	3	1	11	15	709	776
Maine	163	136	26	12	1	122	0	1	1	27	523	523
Maryland	244	188	25	2	5	187	4	2	19	26	1,089	1,261
Massachusetts	348	289	40	40	14	244	3	2	5	42	834	886
Michigan	866	831	115	113	15	537	23	11	52	35	682	684
Minnesota	717	511	87	249	34	227	63	30	27	0	466	629
Mississippi	315	223	35	66	6	175	22	2	9	86	670	670
Missouri	646	572	63	198	7	334	24	9	11	61	540	541
Montana	365	361	188	0	0	175	1	0	1	0	180	182
Nebraska	350	349	41	202	2	88	11	1	5	0	341	342
Nevada	117	90	17	19	2	66	4	4	5	3	853	1,045
New Hampshire	96	96	18	0	0	77	1	0	0	0	699	699
New Jersey	438	388	65	37	9	262	5	1	59	48	899	967
New Mexico	194	161	42	34	1	101	9	0	7	0	602	693
New York	940	838	108	181	8	560	26	0	57	25	939	981
North Carolina	370	347	22	14	4	318	6	1	5	8	954	994
North Dakota	212	205	14	139	4	41	4	1	9	7	242	242
Ohio	988	897	196	125	17	576	20	40	14	77	724	724
Oklahoma	588	587	111	0	0	391	67	2	17	0	352	352
Oregon	264	240	40	26	7	185	4	1	1	0	689	749
Pennsylvania	789	706	104	159	14	380	36	9	87	80	873	879
Rhode Island	56	47	10	2	0	43	0	0	1	4	875	1,003
South Carolina	282	229	33	20	6	197	14	9	3	40	918	918
South Dakota	288	273	102	1	0	182	3	0	0	4	169	172
Tennessee	368	335	50	42	3	252	15	1	5	27	823	843
Texas	1,995	1,529	343	210	44	1,117	35	27	219	21	638	813
Utah	250	202	86	34	8	47	61	3	11	0	834	1,006
Vermont	71	56	8	23	0	40	0	0	0	14	629	640
Virginia	399	328	34	12	40	248	9	3	53	45	1,037	1,108
Washington	588	440	119	54	19	303	39	22	32	9	621	797
West Virginia	193	151	36	20	3	112	14	1	7	34	606	646
Wisconsin	533	490	66	49	2	387	12	10	7	1	568	612
Wyoming	107	96	33	5	1	59	8	0	1	0	361	393
Bureau of Indian Affairs	26	26	1	8	0	17	0	0	0	0	282	282
Department of Defense dependents schools:												
Domestic schools	7	7	2	0	0	5	0	0	0	0	529	529
Overseas schools	40	40	3	25	0	12	0	0	0	0	464	464
Outlying areas												
American Samoa	6	5	0	0	0	6	0	0	0	1	589	650
Guam	4	4	0	0	0	4	0	0	0	0	2,200	2,200
Northern Marianas	3	3	0	2	0	1	0	0	0	0	746	746
Puerto Rico	381	362	186	29	1	4	150	0	11	12	591	535
Virgin Islands	12	9	7	0	0	4	1	0	0	1	862	1,040

[1] Excludes vocational, special education, and alternative schools.

[2] Vocational schools are also included under appropriate grade span.

[3] Average for schools reporting enrollment data.

NOTE: Includes schools with no grade lower than 7. Excludes schools not reported by level, such as special education schools for the disabled.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared October 2001.)

Table 102.—Percent of public schools with building deficiencies and renovation plans, by level, enrollment size, metropolitan status, and free lunch eligibility: 1999

Type of school condition	All public schools	Instructional level¹		Size of school enrollment			Metropolitan status			Percent of students eligible for free or reduced-price lunch			
		Elementary	Secondary	Less than 300	300 to 599	600 or more	Central city	Urban fringe/ large town	Rural/small town	Less than 20 percent	20 to 39 percent	40 to 69 percent	70 percent or more
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Estimated number of schools²	**78,313 (632)**	**59,940 —**	**15,505 —**	**18,095 —**	**31,942 —**	**28,275 —**	**21,294 —**	**27,846 —**	**29,173 —**	**21,216 —**	**20,915 —**	**20,947 —**	**15,234 —**
Estimated enrollment, in thousands	**45,000 (575)**	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —
Percent of schools with temporary buildings	39 (2.0)	40 (2.5)	37 (2.9)	21 (4.3)	39 (3.1)	50 (2.5)	45 (3.6)	44 (3.1)	29 (2.9)	35 (3.3)	36 (3.0)	42 (3.7)	43 (4.6)
Percent of buildings in less than adequate condition													
Original buildings	19 (1.6)	19 (1.8)	21 (2.3)	22 (3.8)	19 (2.4)	18 (2.0)	20 (2.7)	18 (2.6)	19 (2.5)	20 (3.1)	18 (2.4)	16 (2.5)	25 (4.2)
Permanent additions	16 (1.8)	17 (2.1)	14 (2.5)	16 (3.5)	17 (2.7)	14 (2.4)	18 (3.6)	17 (2.8)	14 (2.5)	8 (2.3)	13 (3.3)	16 (3.2)	30 (5.1)
Temporary buildings	19 (2.2)	18 (2.4)	21 (4.5)	— —	22 (3.5)	20 (3.0)	19 (3.8)	18 (3.4)	19 (4.1)	17 (4.4)	16 (3.9)	19 (3.3)	25 (5.3)
Percent of schools with building features rated as less than adequate													
At least one feature less than adequate	50 (1.5)	49 (1.9)	56 (3.0)	55 (4.6)	50 (2.9)	49 (2.3)	56 (3.7)	44 (3.2)	52 (2.6)	45 (3.4)	45 (3.7)	53 (3.3)	63 (4.5)
Roofs	22 (1.7)	22 (1.9)	26 (3.1)	24 (3.8)	22 (2.9)	22 (1.9)	23 (3.2)	19 (2.6)	25 (2.9)	18 (2.9)	21 (2.8)	22 (2.9)	32 (4.6)
Framing, floors, and foundations	14 (1.3)	14 (1.6)	16 (2.2)	19 (3.1)	12 (2.3)	14 (1.8)	12 (2.5)	13 (1.9)	17 (2.5)	14 (2.4)	11 (2.3)	16 (2.3)	17 (3.9)
Exterior walls, finishes, windows, doors	24 (1.5)	23 (1.9)	27 (2.7)	31 (3.9)	21 (2.6)	23 (1.8)	27 (3.1)	21 (2.5)	25 (3.0)	21 (2.6)	21 (2.8)	25 (2.6)	30 (4.4)
Interior finishes, trim	17 (1.4)	17 (1.7)	20 (2.3)	20 (3.2)	16 (2.4)	18 (2.1)	20 (3.2)	16 (2.1)	17 (2.4)	17 (2.5)	14 (2.4)	14 (2.6)	26 (4.2)
Plumbing	25 (1.7)	24 (1.9)	28 (2.7)	28 (4.4)	27 (3.2)	20 (2.1)	28 (3.4)	21 (2.3)	26 (2.5)	23 (3.1)	23 (2.8)	23 (3.4)	32 (4.3)
Heating, ventilation, air conditioning	29 (1.5)	28 (1.8)	34 (2.5)	29 (3.8)	32 (2.9)	26 (1.8)	30 (3.0)	27 (2.5)	31 (2.7)	28 (3.0)	26 (2.7)	29 (2.8)	35 (4.2)
Electric power	22 (1.4)	21 (1.8)	25 (2.6)	23 (3.5)	21 (2.9)	22 (1.8)	26 (2.9)	21 (2.2)	19 (2.4)	18 (2.5)	20 (2.4)	21 (2.6)	30 (4.6)
Electrical lighting	17 (1.5)	17 (1.9)	19 (2.3)	19 (3.2)	17 (2.7)	16 (1.8)	18 (2.7)	15 (2.0)	20 (2.3)	14 (2.1)	15 (2.3)	18 (2.7)	24 (5.2)
Life safety features	20 (1.3)	19 (1.6)	22 (2.8)	26 (4.1)	21 (2.4)	16 (1.7)	21 (2.9)	17 (2.1)	23 (2.9)	16 (2.6)	18 (2.1)	22 (3.3)	27 (3.5)
Percent of schools needing to spend money to bring schools into good overall condition	76 (1.5)	75 (1.7)	79 (2.8)	82 (3.6)	74 (2.3)	74 (2.0)	81 (2.7)	70 (3.1)	78 (2.1)	73 (3.2)	73 (3.2)	77 (2.7)	84 (3.4)
Cost per student for all schools	$2,900 (159)	$2,500 (159)	$3,400 (379)	$3,900 (602)	$3,300 (376)	$2,500 (220)	$2,900 (327)	$2,600 (251)	$3,300 (339)	$2,900 (292)	$2,800 (301)	$3,000 (424)	$2,600 (325)
Cost per student for schools needing to spend money	$3,800 (192)	$3,500 (217)	$4,300 (442)	$4,800 (702)	$4,600 (503)	$3,300 (288)	$3,500 (384)	$3,800 (335)	$4,400 (442)	$4,100 (427)	$3,900 (383)	$3,900 (509)	$3,200 (366)
Percent of schools rating environment factors as unsatisfactory													
At least one factor is unsatisfactory	43 (1.6)	41 (2.1)	48 (2.8)	45 (4.6)	46 (3.0)	39 (2.0)	47 (3.8)	37 (2.9)	47 (2.9)	38 (3.4)	42 (3.2)	41 (3.6)	55 (4.4)
Lighting	12 (1.4)	12 (1.8)	12 (2.0)	12 (2.9)	14 (2.4)	10 (1.4)	14 (2.6)	11 (1.7)	12 (2.2)	8 (2.0)	13 (2.4)	10 (2.2)	19 (4.0)
Heating	17 (1.3)	16 (1.6)	19 (2.5)	16 (3.3)	18 (2.5)	16 (1.6)	18 (2.6)	16 (2.1)	16 (2.2)	17 (2.7)	15 (2.1)	18 (2.7)	18 (3.2)
Ventilation	26 (1.4)	25 (1.7)	31 (2.8)	27 (3.9)	31 (2.8)	21 (2.1)	30 (3.2)	20 (2.8)	29 (2.9)	24 (3.2)	29 (2.8)	24 (2.9)	29 (3.2)
Indoor air quality	18 (1.3)	18 (1.6)	18 (2.4)	19 (3.4)	20 (2.3)	16 (1.7)	22 (3.2)	13 (2.3)	21 (2.4)	14 (2.3)	20 (3.0)	17 (2.6)	24 (3.5)
Acoustics or noise-control	18 (1.1)	17 (1.4)	20 (2.8)	22 (3.8)	19 (2.2)	12 (1.9)	20 (2.6)	13 (1.9)	21 (2.7)	14 (2.3)	18 (2.6)	15 (2.5)	25 (3.8)
Physical security of buildings	20 (1.2)	17 (1.5)	26 (3.1)	21 (3.6)	21 (2.4)	18 (1.7)	14 (2.6)	17 (2.1)	26 (2.7)	17 (2.0)	22 (2.7)	21 (3.0)	17 (3.6)
Average years since original construction	40 (0.8)	40 (1.0)	40 (1.6)	43 (1.7)	42 (1.5)	35 (1.0)	42 (1.2)	37 (1.1)	41 (1.5)	38 (1.6)	38 (1.6)	40 (1.4)	44 (1.7)
Average years since most recent renovation	11 (0.6)	11 (0.6)	11 (0.9)	15 (1.4)	11 (1.0)	9 (0.6)	12 (1.2)	10 (0.8)	12 (0.9)	11 (1.0)	11 (1.0)	11 (1.0)	11 (1.5)
Average functional age³ of school	16 (0.6)	16 (0.8)	15 (0.8)	20 (1.6)	15 (1.1)	14 (0.8)	17 (1.3)	14 (0.8)	16 (1.1)	14 (1.0)	16 (1.1)	14 (1.1)	19 (1.6)
Distribution, by functional age³	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —
Less than 5 years old	32 (1.5)	30 (1.6)	37 (2.7)	25 (4.1)	32 (2.7)	37 (2.4)	30 (3.6)	34 (2.9)	32 (2.9)	32 (3.4)	30 (2.9)	37 (3.8)	30 (4.0)
5 to 14 years old	28 (1.5)	30 (1.9)	24 (2.8)	21 (3.7)	32 (2.7)	28 (2.4)	27 (3.1)	31 (2.7)	26 (2.7)	33 (3.7)	30 (3.0)	24 (3.0)	23 (3.7)
15 to 34 years old	26 (1.4)	25 (1.6)	29 (2.9)	35 (4.1)	23 (2.4)	23 (2.0)	26 (2.8)	23 (2.2)	29 (2.9)	24 (3.1)	25 (2.6)	28 (2.7)	26 (4.0)
35 or more years old	14 (1.4)	15 (1.7)	10 (2.0)	20 (3.6)	13 (2.5)	12 (1.8)	17 (2.9)	12 (1.9)	13 (2.4)	11 (2.2)	15 (2.7)	11 (2.2)	21 (3.9)
Percentage distribution of schools, by enrollment capacity	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —
Underenrolled by more than 25 percent	19 (1.5)	17 (1.7)	21 (2.7)	41 (5.0)	15 (2.5)	8 (1.4)	16 (3.0)	12 (2.0)	27 (2.7)	15 (2.4)	19 (3.1)	15 (2.7)	27 (4.0)
Underenrolled by 6 to 25 percent	33 (1.7)	31 (2.1)	43 (3.0)	30 (4.2)	37 (2.8)	31 (3.4)	33 (3.3)	36 (3.0)	30 (3.2)	38 (3.2)	34 (3.2)	33 (4.0)	26 (4.1)
Enrollment within 5 percent of capacity	26 (1.5)	28 (2.0)	17 (1.9)	16 (3.4)	29 (2.6)	30 (2.0)	24 (2.9)	28 (2.8)	26 (2.4)	24 (3.3)	26 (3.0)	29 (3.4)	24 (3.9)
Overcrowded by 6 to 25 percent	14 (1.2)	15 (1.5)	11 (1.9)	10 (2.9)	14 (2.5)	18 (1.6)	15 (1.8)	17 (2.0)	11 (2.4)	16 (2.8)	13 (2.4)	16 (2.6)	12 (2.6)
Overcrowded by more than 25 percent	8 (0.9)	8 (1.1)	8 (1.8)	4 (1.6)	5 (1.2)	14 (1.8)	11 (2.3)	8 (1.6)	6 (1.3)	6 (1.6)	8 (1.8)	7 (2.0)	12 (2.9)
Percent of schools with plans to make building improvements in next 2 years													
At least one major repair, renovation, or replacement planned	51 (1.6)	49 (2.2)	57 (3.1)	45 (4.4)	52 (2.9)	53 (2.4)	55 (3.8)	50 (3.3)	48 (3.2)	52 (3.8)	44 (3.1)	52 (3.4)	56 (3.9)
Major repair or renovation planned	41 (1.8)	39 (2.3)	48 (3.2)	36 (4.2)	40 (3.1)	45 (2.6)	48 (3.6)	40 (3.2)	36 (2.9)	41 (3.5)	36 (3.2)	43 (3.5)	46 (4.1)
Replacement planned	25 (1.2)	23 (1.6)	28 (2.6)	19 (3.2)	26 (2.2)	27 (2.1)	29 (3.2)	24 (2.4)	22 (2.2)	25 (3.4)	21 (2.7)	25 (3.2)	30 (3.7)
Percent of schools with construction projects planned in next 2 years													
Build permanent addition	20 (1.4)	19 (1.7)	23 (2.8)	17 (3.0)	19 (2.4)	24 (1.7)	17 (2.0)	25 (2.4)	17 (2.0)	23 (2.9)	18 (2.5)	21 (3.0)	18 (3.3)
Install new temporary buildings	10 (1.1)	10 (1.3)	13 (1.9)	6 (1.9)	8 (1.4)	18 (2.1)	11 (2.4)	13 (1.7)	7 (1.4)	10 (2.1)	12 (2.3)	10 (2.1)	9 (2.1)

—Not available.

¹ Combined elementary/secondary schools not shown separately, but included in total and in other categories.

² Excludes special education, vocational, and alternative schools, as well as those schools offering only preprimary education.

³ Functional age is defined as the age of the school based on the year of the most recent renovation or the year of construction of the main instructional building(s) if no renovation has occurred.

NOTE: Data are derived from sample surveys and are subject to sampling error. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Condition of America's Public School Facilities: 1999*. (This table was prepared August 2000.)

Table 103.—High school graduates compared with population 17 years of age, by sex and control of school: 1869–70 to 2000–01

[Numbers in thousands]

School year	Population 17 years old [1]	High school graduates					Graduates as a percent of 17-year-old population
		Total [2]	Sex		Control		
			Male	Female	Public [3]	Private [4]	
1	2	3	4	5	6	7	8
1869–70	815	16	7	9	—	—	2.0
1879–80	946	24	11	13	—	—	2.5
1889–90	1,259	44	19	25	22	22	3.5
1899–1900	1,489	95	38	57	62	33	6.4
1909–10	1,786	156	64	93	111	45	8.8
1919–20	1,855	311	124	188	231	80	16.8
1929–30	2,296	667	300	367	592	75	29.0
1939–40	2,403	1,221	579	643	1,143	78	50.8
1947–48	2,261	1,190	563	627	1,073	117	52.6
1949–50	2,034	1,200	571	629	1,063	136	59.0
1951–52	2,086	1,197	569	627	1,056	141	57.4
1953–54	2,135	1,276	613	664	1,129	147	59.8
1955–56	2,242	1,415	680	735	1,252	163	63.1
1956–57	2,272	1,434	690	744	1,270	164	63.1
1957–58	2,325	1,506	725	781	1,332	174	64.8
1958–59	2,458	1,627	784	843	1,435	192	66.2
1959–60	2,672	1,858	895	963	1,627	231	69.5
1960–61	2,892	1,964	955	1,009	1,725	239	67.9
1961–62	2,768	1,918	938	980	1,678	240	69.3
1962–63	2,740	1,943	956	987	1,710	233	70.9
1963–64	2,978	2,283	1,120	1,163	2,008	275	76.7
1964–65	3,684	2,658	1,311	1,347	2,360	298	72.1
1965–66	3,489	2,665	1,323	1,342	2,367	298	76.4
1966–67	3,500	2,672	1,328	1,344	2,374	298	76.3
1967–68	3,532	2,695	1,338	1,357	2,395	300	76.3
1968–69	3,659	2,822	1,399	1,423	2,522	300	77.1
1969–70	3,757	2,889	1,430	1,459	2,589	300	76.9
1970–71	3,872	2,938	1,454	1,484	2,638	300	75.9
1971–72	3,973	3,002	1,487	1,515	2,700	302	75.6
1972–73	4,049	3,035	1,500	1,535	2,729	306	75.0
1973–74	4,132	3,073	1,512	1,561	2,763	310	74.4
1974–75	4,256	3,133	1,542	1,591	2,823	310	73.6
1975–76	4,272	3,148	1,552	1,596	2,837	311	73.7
1976–77	4,272	3,152	1,548	1,604	2,837	315	73.8
1977–78	4,286	3,127	1,531	1,596	2,825	302	73.0
1978–79	4,327	3,101	1,517	1,584	2,801	300	71.7
1979–80	4,262	3,043	1,491	1,552	2,748	295	71.4
1980–81	4,212	3,020	1,483	1,537	2,725	295	71.7
1981–82	4,134	2,995	1,471	1,524	2,705	290	72.4
1982–83	3,962	2,888	1,437	1,451	2,598	290	72.9
1983–84	3,784	2,767	—	—	2,495	272	73.1
1984–85	3,699	2,677	—	—	2,414	263	72.4
1985–86	3,670	2,643	—	—	2,383	260	72.0
1986–87	3,754	2,694	—	—	2,429	265	71.8
1987–88	3,849	2,773	—	—	2,500	273	72.0
1988–89	3,842	2,744	—	—	2,459	285	71.4
1989–90	3,505	2,589	—	—	2,320	269	73.9
1990–91	3,421	2,493	—	—	2,235	258	72.9
1991–92	3,391	2,478	—	—	2,226	252	73.1
1992–93	3,447	2,480	—	—	2,233	247	72.0
1993–94	3,459	2,464	—	—	2,221	243	71.2
1994–95	3,588	2,520	—	—	2,274	246	70.2
1995–96	3,641	2,518	—	—	2,273	245	69.2
1996–97	3,773	2,612	—	—	2,358	254	69.2
1997–98	3,930	2,704	—	—	2,439	265	68.8
1998–99	3,965	2,762	—	—	2,489	273	69.7
1999–2000 [5]	4,018	2,809	—	—	2,532	277	69.9
2000–01 [5]	4,004	2,821	—	—	2,542	279	70.5

—Not available.

[1] Derived from *Current Population Reports*, Series P-25. 17-year-old population adjusted to reflect October 17-year-old population.

[2] Includes graduates of public and private schools.

[3] Data for 1929–30 and preceding years are from *Statistics of Public High Schools* and exclude graduates of high schools which failed to report to the Office of Education.

[4] For most years, private school data have been estimated based on periodic private school surveys.

[5] Public high school graduates based on state estimates.

NOTE: Includes graduates of regular day school programs. Excludes graduates of other programs, when separately reported, and recipients of high school equivalency certificates. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public High Schools; Biennial Survey of Education in the United States; Statistics of State School Systems; Statistics of Nonpublic Elementary and Secondary Schools; Projections of Education Statistics;* Common Core of Data surveys; and U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-25. (This table was prepared August 2001.)

Table 104.—Public high school graduates, by state: 1969–70 to 2000–01

State	1969–70	1979–80	1980–81	1985–86	1990–91	1995–96	1997–98[1]	1998–99[1]	Estimated 1999–2000	Estimated 2000–01	Percent change, 1990–91 to 2000–01
1	2	3	4	5	6	7	8	9	10	11	12
United States	**2,588,639**	**2,747,678**	**2,725,285**	**2,382,616**	**2,234,893**	**2,273,109**	**2,439,050**	**2,488,605**	**[2]2,531,524**	**[2]2,542,398**	**13.8**
Alabama	45,286	45,190	44,894	39,620	39,042	35,043	38,089	36,244	[3] 38,429	39,377	0.9
Alaska	3,297	5,223	5,343	5,464	5,458	5,945	6,462	6,810	6,668	6,705	22.8
Arizona	22,040	28,633	28,416	27,533	31,282	30,008	36,361	35,728	[4] 36,189	[4] 36,310	16.1
Arkansas	26,068	29,052	29,577	26,227	25,668	25,094	26,855	26,896	[3] 26,896	27,335	6.5
California	260,908	249,217	242,172	229,026	234,164	259,071	282,897	299,221	311,573	[4] 321,371	37.2
Colorado	30,312	36,804	35,897	32,621	31,293	32,608	35,794	36,958	38,933	35,193	12.5
Connecticut	34,755	37,683	38,369	33,571	27,290	26,319	27,885	28,284	29,650	30,300	11.0
Delaware	6,985	7,582	7,349	5,791	5,223	5,609	6,439	6,484	[3] 6,186	6,669	27.7
District of Columbia[5]	4,980	4,959	4,848	3,875	3,369	2,696	2,777	2,675	[3] 2,695	2,507	-25.6
Florida	70,478	87,324	88,755	83,029	87,419	89,242	98,498	102,386	[3] 102,879	104,555	19.6
Georgia	56,859	61,621	62,963	59,082	60,088	56,271	58,525	59,227	[3] 64,775	64,738	7.7
Hawaii	10,407	11,493	11,472	9,958	8,974	9,387	9,670	9,714	[3] 10,437	[3] 10,023	11.7
Idaho	12,296	13,187	12,679	12,059	11,961	14,667	15,523	15,716	16,160	16,200	35.4
Illinois	126,864	135,579	136,795	114,319	103,329	104,626	114,611	112,556	111,835	103,174	–0.2
Indiana	69,984	73,143	73,381	59,817	57,892	56,330	58,899	58,908	57,236	58,173	0.5
Iowa	44,063	43,445	42,635	34,279	28,593	31,689	34,189	34,378	[3] 33,926	33,888	18.5
Kansas	33,394	30,890	29,397	25,587	24,414	25,786	27,856	28,685	28,890	29,082	19.1
Kentucky	37,473	41,203	41,714	37,288	35,835	36,641	37,270	37,179	[3] 36,909	36,620	2.2
Louisiana	43,641	46,297	46,199	39,965	33,489	36,467	38,030	37,802	38,484	38,022	13.5
Maine	14,003	15,445	15,554	13,006	13,151	11,795	12,171	12,093	[3] 13,367	13,581	3.3
Maryland	46,462	54,270	54,050	46,700	39,014	41,785	44,555	46,214	[3] 47,849	48,538	24.4
Massachusetts	63,865	73,802	74,831	60,360	50,216	47,993	50,452	51,465	[3] 51,000	50,000	–0.4
Michigan	121,000	124,316	124,372	101,042	88,234	85,530	92,732	94,125	96,100	99,000	12.2
Minnesota	60,480	64,908	64,166	51,988	46,474	50,481	54,628	56,964	53,000	52,500	13.0
Mississippi	29,653	27,586	28,083	25,134	23,665	23,032	24,502	24,198	[3] 24,198	24,065	1.7
Missouri	55,315	62,265	60,359	49,204	46,928	49,011	52,095	52,531	52,498	52,569	12.0
Montana	11,520	12,135	11,634	9,761	9,013	10,139	10,656	10,925	10,862	10,757	19.3
Nebraska	21,280	22,410	21,411	17,845	16,500	18,014	19,719	20,550	19,629	19,763	19.8
Nevada	5,449	8,473	9,069	8,784	9,370	10,374	13,052	13,892	13,058	13,665	45.8
New Hampshire	8,516	11,722	11,552	10,648	10,059	10,094	10,843	11,251	11,563	11,725	16.6
New Jersey	88,498	94,564	93,168	78,781	67,003	67,704	65,106	67,410	[4] 69,017	[4] 69,994	4.5
New Mexico	16,060	18,424	17,915	15,468	15,157	15,402	16,529	17,317	[3] 18,303	18,445	21.7
New York	190,000	204,064	198,465	162,165	133,562	134,401	138,531	139,426	141,800	142,000	6.3
North Carolina	68,888	70,862	69,395	65,865	62,792	57,014	59,292	60,081	[3] 59,776	61,887	–1.4
North Dakota	11,150	9,928	9,924	7,610	7,573	8,027	8,170	8,388	[3] 8,606	8,409	11.0
Ohio	142,248	144,169	143,503	119,561	107,484	102,098	111,211	111,112	111,000	111,000	3.3
Oklahoma	36,293	39,305	38,875	34,452	33,007	33,060	35,213	36,556	[6] 36,754	[6] 36,603	10.9
Oregon	32,236	29,939	28,729	26,286	24,597	26,570	27,754	28,245	29,500	29,800	21.2
Pennsylvania	151,014	146,458	144,645	122,871	104,770	105,981	110,919	112,632	114,850	114,790	9.6
Rhode Island	10,146	10,864	10,719	8,908	7,744	7,689	8,074	8,179	8,495	8,580	10.8
South Carolina	34,940	38,697	38,347	34,500	32,999	30,182	31,373	31,495	33,900	32,800	–0.6
South Dakota	11,757	10,689	10,385	7,870	7,127	8,532	9,140	8,757	[3] 9,224	9,072	27.3
Tennessee	49,000	49,845	50,648	43,263	44,847	43,792	39,866	40,823	[3] 41,568	40,911	–8.8
Texas	139,046	171,449	171,665	161,150	174,306	171,844	197,186	203,393	209,405	214,953	23.3
Utah	18,395	20,035	19,886	19,774	22,219	26,293	31,567	31,574	32,501	31,482	41.7
Vermont	6,095	6,733	6,424	5,794	5,212	5,867	6,469	6,521	[3] 6,468	6,348	21.8
Virginia	58,562	66,621	67,126	63,113	58,441	58,166	62,738	63,875	[4] 64,941	[4] 65,401	11.9
Washington	50,425	50,402	50,046	45,805	42,514	49,862	53,679	58,213	[4] 58,997	[4] 59,226	39.3
West Virginia	26,139	23,369	23,580	21,870	21,064	20,335	20,164	19,889	[3] 19,440	18,773	-10.9
Wisconsin	66,753	69,332	67,743	58,340	49,340	52,651	57,607	58,312	58,636	59,099	19.8
Wyoming	5,363	6,072	6,161	5,587	5,728	5,892	6,427	6,348	[3] 6,469	6,420	12.1
Bureau of Indian Affairs	—	—	—	—	—	—	—	6,469	—	—	—
Department of Defense dependents schools[7]	—	—	—	—	—	2,674	2,595	2,973	—	—	—
Outlying areas											
American Samoa	[8]367	—	—	608	597	719	665	725	[4] 736	[4] 739	23.8
Guam	972	—	—	840	1,014	—	923	1,326	[4] 1,367	[4] 1,395	37.6
Northern Marianas	—	—	—	—	273	325	374	341	360	341	24.9
Puerto Rico	24,917	—	—	31,597	29,329	29,499	29,881	30,479	[4] 30,673	[4] 30,576	4.3
Virgin Islands	[8] 432	—	—	1,044	981	937	1,069	951	[4] 1,057	[4] 1,050	7.0

—Not available.

[1] Revised from previously published data.

[2] National total includes estimates for nonreporting states.

[3] Actual count

[4] Data imputed by the National Center for Education Statistics based on previous year's data.

[5] Beginning in 1985–86, graduates from adult programs are excluded.

[6] Early estimate number reported by state, adjusted by the National Center for Education Statistics.

[7] Includes foreign schools only through 1997–98. Data for 1998–99 include overseas and domestic schools.

[8] Data are for 1970–71.

NOTE: Data include graduates of regular day school programs, but exclude graduates of other programs and persons receiving high school equivalency certificates. Some data have been revised from previously published figures. All 1999–2000 and 2000–01 data are state estimates unless otherwise indicated.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared March 2001.)

Table 105.—High school graduates and dropouts in public elementary and secondary schools, by race/ethnicity and state: 1998–99

State	High school graduates, by race/ethnicity, 1998–99						Percent of 9th to 12th graders who dropped out during 1998–99, by race/ethnicity[1]					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
1	2	3	4	5	6	7	8	9	10	11	12	13
United States[2,3]	**2,488,218**	**1,758,820**	**321,325**	**267,996**	**116,176**	**23,901**	—	—	—	—	—	—
Alabama	36,244	23,681	11,496	163	241	663	4.4	4.4	4.5	6.6	1.8	1.6
Alaska	6,810	4,769	282	184	365	1,210	5.3	4.2	6.9	10.4	3.8	8.2
Arizona	35,728	22,125	1,473	8,920	864	2,346	8.4	—	—	—	—	—
Arkansas	26,896	20,272	5,854	390	288	92	6.0	5.6	6.7	10.3	4.4	8.0
California[3]	298,428	134,229	22,065	95,438	44,031	2,665	—	—	—	—	—	—
Colorado	36,958	29,034	1,609	4,973	1,070	272	—	—	—	—	—	—
Connecticut	28,284	22,245	2,920	2,262	790	67	3.3	2.2	5.6	8.2	2.6	2.8
Delaware	6,484	4,443	1,665	200	164	12	4.1	3.5	5.3	7.0	1.3	4.4
District of Columbia	2,675	82	2,255	189	146	3	8.2	—	—	—	—	—
Florida	102,386	62,624	21,651	15,013	2,856	242	—	—	—	—	—	—
Georgia	59,227	37,883	18,773	983	1,518	70	7.4	6.5	8.7	11.1	4.5	7.7
Hawaii	9,714	1,882	161	396	7,248	27	—	—	—	—	—	—
Idaho	15,716	14,477	58	865	197	119	6.9	—	—	—	—	—
Illinois	112,556	80,229	16,964	10,467	4,731	165	6.5	4.1	13.3	11.4	2.4	9.8
Indiana[3]	58,962	51,925	5,105	1,249	594	89	—	—	—	—	—	—
Iowa	34,378	32,619	673	500	496	90	2.5	2.3	5.7	9.4	2.5	7.7
Kansas	28,685	24,842	1,736	1,252	599	256	—	—	—	—	—	—
Kentucky	37,177	33,602	3,020	90	213	252	4.9	4.7	6.3	7.0	3.0	1.1
Louisiana	37,802	21,980	14,503	519	624	176	10.0	7.9	12.6	11.8	8.8	14.9
Maine	12,093	11,793	77	46	127	50	3.3	3.3	6.2	3.1	2.2	5.4
Maryland	46,214	27,544	14,718	1,513	2,318	121	4.4	3.6	6.0	4.3	1.7	5.6
Massachusetts	51,465	41,984	3,830	3,326	2,268	57	3.6	2.5	6.7	9.9	3.6	4.0
Michigan	94,125	77,631	11,651	2,200	1,719	924	—	—	—	—	—	—
Minnesota[3]	57,091	51,919	1,651	824	2,066	631	4.5	—	—	—	—	—
Mississippi	24,198	12,464	11,474	57	178	25	5.2	4.3	6.1	6.7	2.6	5.3
Missouri	52,531	44,486	6,687	587	667	104	4.8	4.4	7.1	7.3	3.4	6.1
Montana	10,925	9,964	39	174	81	667	4.5	3.8	8.4	5.7	3.1	12.9
Nebraska	20,550	18,685	771	694	261	139	4.2	3.1	12.7	12.8	3.6	19.7
Nevada	13,892	9,984	1,042	1,747	891	228	7.9	6.4	11.4	12.2	5.9	9.4
New Hampshire[4]	11,251	—	—	—	—	—	—	—	—	—	—	—
New Jersey[3]	67,513	45,651	9,679	7,438	4,615	130	3.1	—	—	—	—	—
New Mexico	17,317	7,575	358	7,497	256	1,631	7.0	4.8	6.6	8.8	5.5	8.1
New York	139,426	93,210	18,603	18,191	9,014	408	—	—	—	—	—	—
North Carolina	60,081	41,119	16,144	929	1,208	681	—	—	—	—	—	—
North Dakota	8,388	7,906	47	55	57	323	2.4	—	—	—	—	—
Ohio	111,112	98,209	10,696	705	1,390	112	3.9	2.9	9.8	9.8	2.5	6.5
Oklahoma	36,556	26,459	3,207	1,108	591	5,191	5.2	4.6	7.8	11.2	3.4	5.1
Oregon	28,245	24,784	526	1,381	1,147	407	6.5	5.7	10.9	14.8	5.6	11.1
Pennsylvania	112,632	95,955	11,495	2,696	2,384	102	3.8	—	—	—	—	—
Rhode Island	8,179	6,742	487	657	266	27	4.5	3.7	7.7	8.3	5.2	14.0
South Carolina[4]	31,495	—	—	—	—	—	—	—	—	—	—	—
South Dakota	8,757	8,237	63	65	65	327	4.5	3.4	9.5	12.6	8.2	19.1
Tennessee[3,5]	40,947	32,727	7,322	299	560	39	4.6	—	—	—	—	—
Texas	203,393	107,777	25,708	63,082	6,340	486	—	—	—	—	—	—
Utah	31,574	29,228	136	1,234	685	291	4.7	4.1	14.6	12.2	6.7	11.0
Vermont[4]	6,521	—	—	—	—	—	4.6	—	—	—	—	—
Virginia	63,875	44,258	14,637	1,904	2,955	121	4.5	3.8	5.8	7.8	3.2	5.4
Washington[3]	58,213	46,733	2,196	3,266	4,924	1,094	—	—	—	—	—	—
West Virginia	19,889	18,973	701	68	124	23	4.9	4.8	6.1	3.2	2.3	9.1
Wisconsin	58,312	52,415	2,581	1,405	1,373	538	2.6	1.6	11.5	6.8	2.4	4.6
Wyoming	6,348	5,799	112	362	33	42	5.2	4.5	8.7	11.8	3.2	14.7
Bureau of Indian Affairs	6,469	—	—	—	—	6,469	—	—	—	—	—	—
Department of Defense dependents schools[6]	2,973	—	—	—	—	—	—	—	—	—	—	—
Outlying areas												
American Samoa	725	—	—	—	725	—	2.0	—	—	—	2.0	—
Guam	1,326	42	6	2	1,276	—	15.0	23.6	31.8	12.5	14.8	20.0
Northern Marianas	341	1	—	—	340	—	11.5	—	—	—	—	—
Puerto Rico	30,479	—	—	30,479	—	—	1.2	—	—	—	—	—
Virgin Islands	951	1	902	45	3	—	7.3	12.2	7.3	7.4	0.0	16.7

—Not available.

[1] Alabama, Arizona, Idaho, Illinois, Maryland, New Jersey, Oklahoma, South Dakota, Tennessee, Vermont, Virginia, and Puerto Rico reported data on an alternative July through June cycle, rather than the specified October through September cycle for dropout data.

[2] U.S. total includes estimates for nonreporting states, based on 1998 12th-grade enrollment racial/ethnic distribution reported by state.

[3] Data differ slightly from figures reported in other tables due to varying reporting practices for racial/ethnic survey data.

[4] Racial/ethnic distribution estimated by NCES based on 1998 12th-grade enrollment racial/ethnic distribution reported by state.

[5] Estimates provided by state education agency after Common Core of Data file was closed.

[6] Includes overseas and domestic schools.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and unpublished data. (This table was prepared November 2001.)

Table 106.—General Educational Development (GED) credentials issued, and number and age of test takers: United States and outlying areas, 1971 to 2000

Year	Number of credentials issued, in thousands [1]	Number completing test battery, in thousands [2]	Number of test takers, in thousands [3]	Percentage distribution of test takers, by age				
				19 years old or less	20- to 24-year-olds	25- to 29-year-olds	30- to 34-year-olds	35 years old or over
1	2	3	4	5	6	7	8	9
1971	227	—	377	—	—	—	—	—
1975	342	507	652	33	26	14	9	18
1976	337	507	656	31	28	14	10	17
1977	331	488	680	40	24	13	9	14
1978	381	467	641	31	27	13	10	19
1979	435	583	744	35	27	13	8	16
1980	488	708	779	37	27	13	8	15
1981	500	701	770	37	27	13	8	15
1982	494	692	756	37	28	13	8	15
1983	477	678	740	34	29	14	9	15
1984	437	613	676	32	28	15	9	16
1985	427	622	685	33	26	15	10	16
1986	439	648	713	33	26	15	10	16
1987	458	662	729	33	24	15	10	18
1988	421	617	701	36	23	14	10	17
1989	364	554	645	36	24	13	10	16
1990	419	628	727	35	25	14	10	17
1991	471	672	770	33	27	14	10	17
1992	465	653	754	32	28	13	11	16
1993	476	652	757	33	27	14	11	16
1994	499	684	793	34	26	13	10	16
1995	513	698	803	37	25	13	10	15
1996	514	733	842	40	25	13	9	15
1997	471	697	802	41	25	12	8	14
1998	496	693	796	43	25	11	8	14
1999	517	724	831	43	25	11	8	14
2000	501	718	830	42	26	11	8	14

—Not available.

[1] Number of people receiving high school equivalency credentials based on the GED tests.

[2] Number of people completing the entire GED battery of five tests.

[3] Number of people taking the GED tests (one or more subtests).

NOTE: Detail may not sum to totals due to rounding. Some data have been revised from previously published figures.

SOURCE: American Council on Education, General Educational Development Testing Service, *Who took the GED? Statistical Report*, various years. (This table was prepared August 2001.)

Table 107.—Distribution of 18- to 29-year-olds, by high school completion status and selected characteristics: 1998 to 2000

Characteristics	1998			1999			2000 [1]		
	Dropout	Completed by GED	Completed by diploma	Dropout	Completed by GED	Completed by diploma	Dropout	Completed by GED	Completed by diploma
1	2	3	4	5	6	7	8	9	10
Number, in thousands	**5,636**	**3,321**	**33,706**	**5,576 (122)**	**3,314 (92)**	**33,819 (379)**	**5,473 (121)**	**2,165 (73)**	**35,213 (390)**
Percent distribution	13.2	7.8	79.0	13.1 (0.3)	7.8 (0.2)	79.2 (0.3)	12.8 (0.2)	5.1 (0.2)	82.2 (0.3)
Sex	100.0	100.0	100.0	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Male	57.0	47.3	48.4	53.5 (1.0)	49.6 (1.3)	48.0 (0.4)	54.2 (1.0)	52.4 (1.7)	48.0 (0.4)
Female	43.0	52.7	51.6	46.5 (1.0)	50.4 (1.3)	52.0 (0.4)	45.8 (1.0)	47.6 (1.7)	52.0 (0.4)
Age	100.0	100.0	100.0	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
18 and 19	19.6	13.4	15.2	18.8 (0.8)	13.2 (0.9)	15.3 (0.3)	18.5 (0.8)	11.3 (1.0)	15.5 (0.3)
20 and 21	18.5	16.2	16.2	18.0 (0.8)	14.0 (0.9)	16.5 (0.3)	18.2 (0.8)	12.8 (1.1)	17.3 (0.3)
22 to 24	24.8	25.6	24.3	24.5 (0.9)	25.6 (1.2)	25.4 (0.4)	23.9 (0.9)	29.9 (1.5)	25.8 (0.4)
25 to 29	37.1	44.8	44.4	38.8 (1.0)	47.2 (1.3)	42.7 (0.4)	39.4 (1.0)	45.9 (1.6)	41.4 (0.4)
Race/ethnicity	100.0	100.0	100.0	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
White, non-Hispanic	40.0	67.5	70.6	39.1 (1.0)	67.7 (1.3)	70.2 (0.4)	38.7 (1.0)	67.5 (1.5)	69.5 (0.4)
Black, non-Hispanic	15.7	13.9	13.1	14.8 (0.8)	14.8 (1.0)	13.4 (0.3)	14.8 (0.8)	15.5 (1.3)	13.6 (0.3)
Hispanic	41.6	13.2	10.7	42.5 (1.2)	12.7 (1.0)	10.5 (0.3)	43.0 (1.2)	12.3 (1.2)	10.9 (0.3)
Other	2.7	5.5	5.6	3.5 (0.4)	4.8 (0.7)	5.9 (0.2)	3.5 (0.4)	4.7 (0.8)	6.0 (0.2)
Educational attainment	100.0	100.0	100.0	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Less than high school	100.0	0.0	0.0	100.0 —	0.0 —	0.0 —	100.0 —	0.0 —	0.0 —
Completed high school	0.0	47.1	38.3	0.0 —	45.8 (1.3)	37.2 (0.4)	0.0 —	68.9 (1.5)	36.1 (0.4)
Some college	0.0	36.1	33.8	0.0 —	36.3 (1.3)	33.8 (0.4)	0.0 —	20.2 (1.3)	35.0 (0.4)
Associate degree	0.0	6.9	7.2	0.0 —	6.7 (0.7)	7.5 (0.2)	0.0 —	5.5 (0.8)	7.6 (0.2)
Bachelor's degree	0.0	8.0	17.1	0.0 —	9.0 (0.8)	18.1 (0.3)	0.0 —	4.5 (0.7)	17.7 (0.3)
Master's or higher degree	0.0	1.9	3.5	0.0 —	2.1 (0.4)	3.4 (0.2)	0.0 —	0.8 (0.3)	3.5 (0.2)
Family income quartile	100.0	100.0	100.0	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Lowest quartile	46.3	27.8	18.5	42.4 (1.0)	24.6 (1.2)	18.7 (0.3)	44.8 (1.0)	29.7 (1.5)	18.7 (0.3)
Low-middle quartile	30.6	29.7	24.6	33.0 (1.0)	29.0 (1.2)	24.4 (0.4)	29.5 (0.9)	29.7 (1.5)	24.8 (0.4)
High-middle quartile	16.6	23.1	28.4	17.0 (0.8)	28.0 (1.2)	27.9 (0.4)	18.2 (0.8)	26.4 (1.5)	28.2 (0.4)
Highest quartile	6.5	19.3	28.5	7.7 (0.5)	18.3 (1.0)	29.0 (0.4)	7.5 (0.5)	14.2 (1.2)	28.3 (0.4)
Employment status	100.0	100.0	100.0	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Employed	61.6	71.8	76.0	60.6 (1.0)	72.2 (1.2)	75.6 (0.4)	61.1 (1.0)	71.0 (1.5)	76.5 (0.3)
Unemployed	8.4	7.6	4.3	9.1 (0.6)	7.2 (0.7)	4.2 (0.2)	9.8 (0.6)	7.7 (0.9)	3.6 (0.2)
Not in labor force	30.0	20.6	19.7	30.3 (0.9)	20.6 (1.1)	20.2 (0.3)	29.1 (0.9)	21.3 (1.4)	19.8 (0.3)

—Not available.

[1] Due to questionnaire rewording, data are not comparable to figures for previous years.

NOTE: Excludes persons still enrolled in high school. Data are based on sample surveys of the civilian noninstitutionalized population. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data. (This table was prepared July 2001.)

Table 108.—Percent of high school dropouts (status dropouts) among persons 16 to 24 years old, by sex and race/ethnicity: April 1960 to October 2000

Year	Total				Men				Women			
	All races	White, non-Hispanic	Black, non-Hispanic	Hispanic origin	All races	White, non-Hispanic	Black, non-Hispanic	Hispanic origin	All races	White, non-Hispanic	Black, non-Hispanic	Hispanic origin
1	2	3	4	5	6	7	8	9	10	11	12	13
1960[1]	27.2 —	— —	— —	— —	27.8 —	— —	— —	— —	26.7 —	— —	— —	— —
1967[2]	17.0 —	15.4 —	28.6 —	— —	16.5 —	14.7 —	30.6 —	— —	17.3 —	16.1 —	26.9 —	— —
1968[2]	16.2 —	14.7 —	27.4 —	— —	15.8 —	14.4 —	27.1 —	— —	16.5 —	15.0 —	27.6 —	— —
1969[2]	15.2 —	13.6 —	26.7 —	— —	14.3 —	12.6 —	26.9 —	— —	16.0 —	14.6 —	26.7 —	— —
1970[2]	15.0 —	13.2 —	27.9 —	— —	14.2 —	12.2 —	29.4 —	— —	15.7 —	14.1 —	26.6 —	— —
1971[2]	14.7 —	13.4 —	23.7 —	— —	14.2 —	12.6 —	25.5 —	— —	15.2 —	14.2 —	22.1 —	— —
1972	14.6 (0.3)	12.3 (0.3)	21.3 (1.1)	34.3 (2.2)	14.1 (0.4)	11.6 (0.4)	22.3 (1.6)	33.7 (3.2)	15.1 (0.4)	12.8 (0.4)	20.5 (1.4)	34.8 (3.1)
1973	14.1 (0.3)	11.6 (0.3)	22.2 (1.1)	33.5 (2.2)	13.7 (0.4)	11.5 (0.4)	21.5 (1.5)	30.4 (3.2)	14.5 (0.4)	11.8 (0.4)	22.8 (1.5)	36.4 (3.2)
1974	14.3 (0.3)	11.9 (0.3)	21.2 (1.0)	33.0 (2.1)	14.2 (0.4)	12.0 (0.4)	20.1 (1.5)	33.8 (3.0)	14.3 (0.4)	11.8 (0.4)	22.1 (1.5)	32.2 (2.9)
1975	13.9 (0.3)	11.4 (0.3)	22.9 (1.1)	29.2 (2.0)	13.3 (0.4)	11.0 (0.4)	23.0 (1.6)	26.7 (2.8)	14.5 (0.4)	11.8 (0.4)	22.9 (1.4)	31.6 (2.9)
1976	14.1 (0.3)	12.0 (0.3)	20.5 (1.0)	31.4 (2.0)	14.1 (0.4)	12.1 (0.4)	21.2 (1.5)	30.3 (2.9)	14.2 (0.4)	11.8 (0.4)	19.9 (1.4)	32.3 (2.8)
1977	14.1 (0.3)	11.9 (0.3)	19.8 (1.0)	33.0 (2.0)	14.5 (0.4)	12.6 (0.4)	19.5 (1.5)	31.6 (2.9)	13.8 (0.4)	11.2 (0.4)	20.0 (1.4)	34.3 (2.8)
1978	14.2 (0.3)	11.9 (0.3)	20.2 (1.0)	33.3 (2.0)	14.6 (0.4)	12.2 (0.4)	22.5 (1.5)	33.6 (2.9)	13.9 (0.4)	11.6 (0.4)	18.3 (1.3)	33.1 (2.8)
1979	14.6 (0.3)	12.0 (0.3)	21.1 (1.0)	33.8 (2.0)	15.0 (0.4)	12.6 (0.4)	22.4 (1.5)	33.0 (2.8)	14.2 (0.4)	11.5 (0.4)	20.0 (1.3)	34.5 (2.8)
1980	14.1 (0.3)	11.4 (0.3)	19.1 (1.0)	35.2 (1.9)	15.1 (0.4)	12.3 (0.4)	20.8 (1.5)	37.2 (2.7)	13.1 (0.4)	10.5 (0.4)	17.7 (1.3)	33.2 (2.6)
1981	13.9 (0.3)	11.3 (0.3)	18.4 (0.9)	33.2 (1.8)	15.1 (0.4)	12.5 (0.4)	19.9 (1.4)	36.0 (2.6)	12.8 (0.4)	10.2 (0.4)	17.1 (1.2)	30.4 (2.5)
1982	13.9 (0.3)	11.4 (0.3)	18.4 (1.0)	31.7 (1.9)	14.5 (0.4)	12.0 (0.4)	21.2 (1.5)	30.5 (2.7)	13.3 (0.4)	10.8 (0.4)	15.9 (1.3)	32.8 (2.7)
1983	13.7 (0.3)	11.1 (0.3)	18.0 (1.0)	31.6 (1.9)	14.9 (0.4)	12.2 (0.4)	19.9 (1.5)	34.3 (2.8)	12.5 (0.4)	10.1 (0.4)	16.2 (1.3)	29.1 (2.6)
1984	13.1 (0.3)	11.0 (0.3)	15.5 (0.9)	29.8 (1.9)	14.0 (0.4)	11.9 (0.4)	16.8 (1.4)	30.6 (2.8)	12.3 (0.4)	10.1 (0.4)	14.3 (1.2)	29.0 (2.6)
1985	12.6 (0.3)	10.4 (0.3)	15.2 (0.9)	27.6 (1.9)	13.4 (0.4)	11.1 (0.4)	16.1 (1.4)	29.9 (2.8)	11.8 (0.4)	9.8 (0.4)	14.3 (1.2)	25.2 (2.7)
1986	12.2 (0.3)	9.7 (0.3)	14.2 (0.9)	30.1 (1.9)	13.1 (0.4)	10.3 (0.4)	15.0 (1.3)	32.8 (2.7)	11.4 (0.4)	9.1 (0.4)	13.5 (1.2)	27.2 (2.6)
1987	12.6 (0.3)	10.4 (0.3)	14.1 (0.9)	28.6 (1.8)	13.2 (0.4)	10.8 (0.4)	15.0 (1.3)	29.1 (2.6)	12.1 (0.4)	10.0 (0.4)	13.3 (1.2)	28.1 (2.6)
1988	12.9 (0.3)	9.6 (0.3)	14.5 (1.0)	35.8 (2.3)	13.5 (0.4)	10.3 (0.5)	15.0 (1.5)	36.0 (3.2)	12.2 (0.4)	8.9 (0.4)	14.0 (1.4)	35.4 (3.3)
1989	12.6 (0.3)	9.4 (0.3)	13.9 (1.0)	33.0 (2.2)	13.6 (0.5)	10.3 (0.5)	14.9 (1.5)	34.4 (3.1)	11.7 (0.4)	8.5 (0.4)	13.0 (1.3)	31.6 (3.1)
1990	12.1 (0.3)	9.0 (0.3)	13.2 (0.9)	32.4 (1.9)	12.3 (0.4)	9.3 (0.4)	11.9 (1.3)	34.3 (2.7)	11.8 (0.4)	8.7 (0.4)	14.4 (1.3)	30.3 (2.7)
1991	12.5 (0.3)	8.9 (0.3)	13.6 (0.9)	35.3 (1.9)	13.0 (0.4)	8.9 (0.4)	13.5 (1.4)	39.2 (2.7)	11.9 (0.4)	8.9 (0.4)	13.7 (1.3)	31.1 (2.7)
1992[3]	11.0 (0.3)	7.7 (0.3)	13.7 (0.9)	29.4 (1.9)	11.3 (0.4)	8.0 (0.4)	12.5 (1.3)	32.1 (2.7)	10.7 (0.4)	7.4 (0.4)	14.8 (1.4)	26.6 (2.6)
1993[3]	11.0 (0.3)	7.9 (0.3)	13.6 (0.9)	27.5 (1.8)	11.2 (0.4)	8.2 (0.4)	12.6 (1.3)	28.1 (2.5)	10.9 (0.4)	7.6 (0.4)	14.4 (1.3)	26.9 (2.5)
1994[3]	11.4 (0.3)	7.7 (0.3)	12.6 (0.8)	30.0 (1.2)	12.3 (0.4)	8.0 (0.4)	14.1 (1.1)	31.6 (1.6)	10.6 (0.4)	7.5 (0.4)	11.3 (1.0)	28.1 (1.7)
1995[3]	12.0 (0.3)	8.6 (0.3)	12.1 (0.7)	30.0 (1.1)	12.2 (0.4)	9.0 (0.4)	11.1 (1.0)	30.0 (1.6)	11.7 (0.4)	8.2 (0.4)	12.9 (1.1)	30.0 (1.7)
1996[3]	11.1 (0.3)	7.3 (0.3)	13.0 (0.8)	29.4 (1.2)	11.4 (0.4)	7.3 (0.4)	13.5 (1.2)	30.3 (1.7)	10.9 (0.4)	7.3 (0.4)	12.5 (1.1)	28.3 (1.7)
1997[3]	11.0 (0.3)	7.6 (0.3)	13.4 (0.8)	25.3 (1.1)	11.9 (0.4)	8.5 (0.4)	13.3 (1.2)	27.0 (1.6)	10.1 (0.4)	6.7 (0.4)	13.5 (1.1)	23.4 (1.6)
1998[3]	11.8 (0.3)	7.7 (0.3)	13.8 (0.8)	29.5 (1.1)	13.3 (0.4)	8.6 (0.4)	15.5 (1.2)	33.5 (1.6)	10.3 (0.4)	6.9 (0.4)	12.2 (1.1)	25.0 (1.6)
1999[3]	11.2 (0.3)	7.3 (0.3)	12.6 (0.8)	28.6 (1.1)	11.9 (0.4)	7.7 (0.4)	12.1 (1.1)	31.0 (1.6)	10.5 (0.4)	6.9 (0.4)	13.0 (1.1)	26.0 (1.5)
2000[3]	10.9 (0.3)	6.9 (0.3)	13.1 (0.8)	27.8 (1.1)	12.0 (0.4)	7.0 (0.4)	15.3 (1.2)	31.8 (1.6)	9.9 (0.4)	6.9 (0.4)	11.1 (1.0)	23.5 (1.5)

—Not available.

[1] Based on the April 1960 decennial census.

[2] White and black include persons of Hispanic origin.

[3] Because of changes in data collection procedures, data may not be comparable with figures for earlier years.

NOTE: "Status" dropouts are 16- to 24-year-olds who are not enrolled in school and who have not completed a high school program regardless of when they left school. People who have received GED credentials are counted as high school completers. All data except for 1960 are based on October counts. Data are based upon sample surveys of the civilian noninstitutionalized population. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished tabulations; and U.S. Department of Education, National Center for Education Statistics, *Dropout Rates in the United States*. (This table was prepared July 2001.)

Table 109.—Percent of high school dropouts (status dropouts) among persons 16 to 24 years old, by income level, and distribution of dropouts by labor force status and educational attainment: October 1970 to October 2000

Year	Dropout rate of 16- to 24-year-olds	Dropout rate of 16- to 24-year-olds, by family income quartile				Distribution of dropouts, by labor force status				Distribution of dropouts, by years of school completed				
		Lowest quartile	Middle-low quartile	Middle-high quartile	Highest quartile	Total	Employed[1]	Unemployed	Not in labor force	Total	Less than 9	9	10	11 or 12
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1970	15.0 (0.3)	28.0 (0.8)	21.2 (0.6)	11.7 (0.5)	5.2 (0.3)	100.0	49.8 (1.0)	10.3 (0.6)	39.9 (1.0)	100.0	28.5	20.6	26.8	24.0
1971	14.7 (0.3)	28.8 (0.8)	20.7 (0.6)	10.9 (0.4)	5.1 (0.3)	100.0	49.5 (1.0)	10.9 (0.6)	39.6 (0.9)	100.0	27.9	21.7	27.8	22.7
1972	14.6 (0.3)	27.6 (0.8)	20.8 (0.6)	10.2 (0.4)	5.4 (0.3)	100.0	51.2 (1.0)	10.2 (0.6)	38.6 (0.9)	100.0	27.5	20.8	29.0	22.7
1973	14.1 (0.3)	28.0 (0.8)	19.6 (0.6)	9.9 (0.4)	4.9 (0.3)	100.0	53.2 (1.0)	9.2 (0.6)	37.5 (0.9)	100.0	26.5	20.9	27.4	25.3
1974	14.3 (0.3)	— —	— —	— —	— —	100.0	51.8 (0.9)	12.3 (0.6)	35.9 (0.9)	100.0	25.4	20.1	28.7	25.8
1975	13.9 (0.3)	28.8 (0.8)	18.0 (0.5)	10.2 (0.4)	5.0 (0.3)	100.0	46.0 (0.9)	15.6 (0.7)	38.4 (0.9)	100.0	23.5	21.1	27.5	27.9
1976	14.1 (0.3)	28.1 (0.7)	19.2 (0.6)	10.1 (0.4)	4.9 (0.3)	100.0	48.8 (0.9)	16.0 (0.7)	35.2 (0.9)	100.0	24.3	20.1	27.8	27.8
1977	14.1 (0.3)	28.5 (0.7)	19.0 (0.6)	10.4 (0.4)	4.5 (0.3)	100.0	52.9 (0.9)	13.6 (0.6)	33.6 (0.9)	100.0	24.3	21.7	27.3	26.6
1978	14.2 (0.3)	28.2 (0.7)	18.9 (0.6)	10.5 (0.4)	5.5 (0.3)	100.0	54.3 (0.9)	12.4 (0.6)	33.3 (0.9)	100.0	22.9	20.2	28.2	28.8
1979	14.6 (0.3)	28.1 (0.7)	18.5 (0.6)	11.5 (0.4)	5.6 (0.3)	100.0	54.0 (0.9)	12.7 (0.6)	33.3 (0.9)	100.0	22.6	21.0	28.6	27.8
1980	14.1 (0.3)	27.0 (0.7)	18.1 (0.6)	10.7 (0.4)	5.7 (0.3)	100.0	50.4 (0.9)	17.0 (0.7)	32.6 (0.9)	100.0	23.6	19.7	29.8	27.0
1981	13.9 (0.3)	26.4 (0.7)	17.6 (0.5)	11.1 (0.4)	5.2 (0.3)	100.0	49.8 (0.9)	18.3 (0.7)	31.9 (0.9)	100.0	24.3	18.6	30.2	26.9
1982	13.9 (0.3)	27.2 (0.7)	18.3 (0.6)	10.2 (0.4)	4.4 (0.3)	100.0	45.2 (1.0)	21.1 (0.8)	33.7 (0.9)	100.0	22.9	20.8	28.8	27.6
1983	13.7 (0.3)	26.5 (0.7)	17.8 (0.6)	10.5 (0.5)	4.1 (0.3)	100.0	48.4 (1.0)	18.2 (0.8)	33.4 (0.9)	100.0	23.0	19.3	28.8	28.8
1984	13.1 (0.3)	25.9 (0.7)	16.5 (0.6)	9.9 (0.4)	3.8 (0.3)	100.0	49.7 (1.0)	17.3 (0.8)	32.9 (1.0)	100.0	23.6	21.4	27.5	27.5
1985	12.6 (0.3)	27.1 (0.7)	14.7 (0.6)	8.3 (0.4)	4.0 (0.3)	100.0	50.1 (1.1)	17.5 (0.8)	32.4 (1.0)	100.0	23.9	21.0	27.9	27.2
1986	12.2 (0.3)	25.4 (0.7)	14.8 (0.6)	8.0 (0.4)	3.4 (0.3)	100.0	51.1 (1.1)	16.4 (0.8)	32.5 (1.0)	100.0	25.4	21.5	25.7	27.4
1987	12.6 (0.3)	25.5 (0.7)	16.6 (0.6)	8.0 (0.4)	3.6 (0.3)	100.0	52.4 (1.1)	13.6 (0.7)	34.0 (1.0)	100.0	25.9	20.7	26.0	27.5
1988	12.9 (0.3)	27.2 (0.8)	15.4 (0.6)	8.2 (0.5)	3.4 (0.3)	100.0	52.9 (1.2)	32.4 (1.1)	14.7 (0.8)	100.0	28.9	19.3	25.1	26.8
1989	12.6 (0.3)	25.0 (0.8)	16.2 (0.7)	8.7 (0.5)	3.3 (0.3)	100.0	53.2 (1.2)	13.8 (0.8)	33.0 (1.1)	100.0	29.4	20.8	24.9	25.0
1990	12.1 (0.3)	24.3 (0.8)	15.1 (0.6)	8.7 (0.5)	2.9 (0.3)	100.0	52.5 (1.2)	13.3 (0.8)	34.2 (1.1)	100.0	28.6	20.9	24.4	26.1
1991	12.5 (0.3)	25.9 (0.8)	15.5 (0.6)	7.7 (0.5)	3.0 (0.3)	100.0	47.5 (1.2)	15.8 (0.9)	36.7 (1.1)	100.0	28.6	20.5	26.1	24.9
1992[2]	11.0 (0.3)	23.4 (0.7)	12.9 (0.6)	7.3 (0.4)	2.4 (0.2)	100.0	47.6 (1.3)	15.0 (0.9)	37.4 (1.2)	100.0	21.6	17.5	24.4	36.5
1993[2]	11.0 (0.3)	22.9 (0.7)	12.7 (0.6)	6.6 (0.4)	2.9 (0.3)	100.0	48.7 (1.3)	12.8 (0.8)	38.5 (1.2)	100.0	20.5	16.6	24.1	38.8
1994[2]	11.4 (0.3)	20.7 (0.7)	13.7 (0.6)	8.7 (0.5)	4.9 (0.3)	100.0	49.5 (1.2)	13.0 (0.8)	37.5 (1.2)	100.0	23.9	16.2	20.3	39.6
1995[2]	12.0 (0.3)	23.2 (0.7)	13.8 (0.6)	8.3 (0.5)	3.6 (0.3)	100.0	48.9 (1.2)	14.2 (0.8)	37.0 (1.2)	100.0	22.2	17.0	22.5	38.3
1996[2]	11.1 (0.3)	22.0 (0.7)	13.6 (0.6)	7.0 (0.4)	3.2 (0.3)	100.0	47.3 (1.3)	15.0 (0.9)	37.7 (1.2)	100.0	20.3	17.7	22.6	39.4
1997[2]	11.0 (0.3)	21.8 (0.7)	13.5 (0.6)	6.2 (0.4)	3.4 (0.3)	100.0	53.3 (1.3)	13.2 (0.9)	33.5 (1.2)	100.0	19.9	15.7	22.3	42.1
1998[2]	11.8 (0.3)	22.3 (0.7)	14.9 (0.6)	7.7 (0.5)	3.5 (0.3)	100.0	55.1 (1.2)	10.3 (0.7)	34.6 (1.2)	100.0	21.0	14.9	21.4	42.6
1999[2]	11.2 (0.3)	21.0 (0.7)	14.3 (0.6)	7.4 (0.4)	3.9 (0.3)	100.0	55.6 (1.2)	10.0 (0.7)	34.4 (1.2)	100.0	22.2	16.3	22.5	39.0
2000[2]	10.9 (0.3)	20.7 (0.7)	12.8 (0.6)	8.3 (0.5)	3.5 (0.3)	100.0	56.9 (1.2)	12.3 (0.8)	30.8 (1.2)	100.0	21.5	15.3	23.1	40.0

—Not available.

[1] Includes persons employed, but not currently working.

[2] Data may not be comparable with figures for earlier years because of changes in data collection procedures.

NOTE: "Status" dropouts are 16- to 24-year-olds who are not enrolled in school and who have not completed a high school program, regardless of when they left school. People who have received GED credentials are counted as high school completers. Data are based on sample surveys of the civilian noninstitutionalized population. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data. (This table was prepared July 2001.)

Table 110.—Students with disabilities exiting the educational system, by age, type of disability, and basis of exit: United States and outlying areas, 1997–98 and 1998–99

Student characteristics	Number						Percent					
	Graduated with diploma		Graduated with certificate		Reached maximum age		Graduated with diploma		Graduated with certificate		Reached maximum age	
	1997–98	1998–99	1997–98	1998–99	1997–98	1998–99	1997–98	1998–99	1997–98	1998–99	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13
Age group												
14 to 21 (and over)	147,942	147,081	29,909	29,110	4,607	4,853	28.4	29.1	5.7	5.8	0.9	1.0
14	73	46	82	52	0	0	0.1	0.1	0.1	0.1	0.0	0.0
15	60	49	52	52	3	1	0.1	0.1	0.1	0.1	0.3	0.0
16	686	526	152	161	6	5	1.0	0.8	0.2	0.2	0.0	0.0
17	25,504	25,545	3,088	3,230	19	42	27.0	27.5	3.3	3.5	0.0	0.0
18	66,310	68,497	11,397	11,628	166	244	52.9	54.4	9.1	9.2	0.1	0.2
19	40,973	40,092	8,464	8,318	119	109	59.6	60.2	12.3	12.5	0.2	0.2
20	9,321	8,037	3,630	2,887	527	761	46.5	45.9	18.1	16.5	2.6	1.4
21 (and over)	5,015	4,289	3,044	2,782	3,767	3,691	33.6	31.0	20.4	20.1	25.2	26.7
Type of disability for 14- to 21-year-olds and over												
All disabilities	147,942	147,081	29,909	29,110	4,607	4,853	28.4	29.1	5.7	5.6	0.9	1.0
Specific learning disabilities	100,138	99,306	13,692	13,636	763	1,025	33.1	33.5	4.5	4.6	0.3	0.3
Mental retardation	15,292	15,799	10,538	10,261	2,210	2,231	24.8	26.1	17.1	17.0	3.6	3.7
Serious emotional disturbance	14,031	13,641	2,180	1,870	407	403	15.6	16.2	2.4	2.2	0.5	0.5
Speech or language impairments	4,137	4,214	525	493	73	103	17.5	19.7	2.2	2.3	0.3	0.5
Multiple disabilities	2,061	1,993	937	795	664	555	26.8	27.0	12.2	10.8	8.6	7.5
Other health impairments	5,102	5,357	542	624	64	90	30.5	27.6	3.2	3.2	0.4	0.5
Hearing impairments	2,774	2,554	545	543	68	55	43.3	43.5	8.5	9.2	1.1	0.9
Orthopedic impairments	2,051	1,797	361	384	125	164	35.7	35.6	6.3	7.6	2.2	3.2
Visual impairments	1,166	1,163	171	142	42	37	46.8	50.2	6.9	6.1	1.7	1.6
Autism	384	418	268	235	139	139	25.8	27.2	18.0	15.3	9.3	9.0
Deaf-blindness	132	49	18	17	17	11	55.7	34.3	7.6	11.9	7.2	7.7
Traumatic brain injury	674	790	132	110	35	40	42.3	43.3	8.3	6.0	2.2	2.2

NOTE: Reached maximum age figures reflect an estimate of those who were actually known to have dropped out and do not include youth who simply stopped coming to school or whose status was unknown.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act*. (This table was prepared April 2001.)

Table 111.—Postsecondary education and employment status, wages earned, and living arrangements of special education students out of secondary school up to 3 years, by type of disability: 1990

Type of disability	Percent in postsecondary education		Percent currently competitively employed	Average annual total compensation	Percent living independently[1]
	Academic	Vocational			
1	2	3	4	5	6
All disabilities[2]	**16.5**	**14.7**	**55.0**	**$5,524**	**27.6**
Learning disabled	18.7	17.8	63.1	6,932	33.9
Serious emotional disturbance	15.3	13.3	52.0	5,310	21.1
Speech/language impairments	37.0	17.9	58.5	4,389	36.4
Mental retardation	2.5	5.7	40.8	3,078	14.8
Visual impairment	53.9	14.9	30.3	2,027	39.3
Hard of hearing	35.0	20.0	43.6	2,773	25.9
Deaf	28.3	19.9	24.8	1,689	32.3
Orthopedic impairments	30.9	13.4	26.4	1,636	16.6
Other health impairments	35.1	23.5	47.5	4,388	17.2
Multiple disabilities	8.0	4.0	15.8	778	8.0

[1] Living independently includes living alone, with a spouse or roommate, in a college dormitory, or in military housing not as a dependent.

[2] All conditions includes youth in each of the 11 federal special education disability categories. Percentages are reported separately only for categories with at least 25 youth in the sample.

NOTE: Data based on students who had been out of school up to 3 years and had attended special and regular schools in the 1985–86 or 1986–87 school years.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *The Seventeenth Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act*, The National Longitudinal Transition Study, 1995. (This table was prepared April 1996.)

Table 112.—Average student proficiency in reading, by age and selected characteristics of students: 1971 to 1999

Selected characteristics of students	1971	1975	1980	1984	1988	1990	1992	1994	1996	1999
1	2	3	4	5	6	7	8	9	10	11
					9-year-olds [1]					
Total	**207.6 (1.0)**	**210.0 (0.7)**	**215.0 (1.0)**	**210.9 (0.7)**	**211.8 (1.1)**	**209.2 (1.2)**	**210.5 (0.9)**	**211.0 (1.2)**	**212.5 (1.0)**	**211.7 (1.3)**
Male	201.2 (1.1)	204.3 (0.8)	210.0 (1.1)	207.5 (0.8)	207.5 (1.4)	204.0 (1.7)	205.9 (1.3)	207.3 (1.3)	207.0 (1.4)	208.5 (1.[illegible])
Female	213.9 (1.0)	215.8 (0.8)	220.1 (1.1)	214.2 (0.8)	216.3 (1.3)	214.5 (1.2)	215.4 (0.9)	214.7 (1.4)	217.8 (1.1)	214.8 (1.5)
Race/ethnicity										
White, non-Hispanic	214.0 (0.9)	216.6 (0.7)	221.3 (0.8)	218.2 (0.8)	217.7 (1.4)	217.0 (1.3)	217.9 (1.0)	218.0 (1.3)	219.6 (1.2)	221.0 (1.6)
Black, non-Hispanic	170.1 (1.7)	181.2 (1.2)	189.3 (1.8)	185.7 (1.1)	188.5 (2.4)	181.8 (2.9)	184.5 (2.2)	185.4 (2.3)	190.9 (2.6)	185.5 (2.3)
Hispanic	(2) —	182.7 (2.2)	190.2 (2.3)	187.2 (2.1)	193.7 (3.5)	189.4 (2.3)	191.7 (3.1)	185.9 (3.9)	194.8 (3.4)	193.0 (2.7)
Parental education										
Not high school graduate	188.6 (1.5)	189.9 (1.3)	194.3 (1.6)	195.1 (1.4)	192.5 (4.9)	192.6 (3.2)	194.9 (4.5)	189.1 (4.0)	197.3 (3.4)	199.1 (3.9)
Graduated high school	207.8 (1.2)	211.3 (0.9)	213.0 (1.3)	208.9 (1.0)	210.8 (2.2)	209.1 (1.8)	207.4 (1.5)	207.1 (2.6)	206.8 (2.0)	206.2 (2.0)
Post high school	223.9 (1.1)	221.5 (0.9)	226.0 (1.1)	222.9 (0.9)	220.0 (1.7)	217.7 (2.0)	219.5 (1.4)	221.0 (1.3)	219.4 (1.4)	219.7 (1.7)
Control of school										
Public	— —	— —	213.5 (1.1)	209.4 (0.8)	210.2 (1.2)	207.5 (1.4)	208.6 (1.0)	209.4 (1.4)	210.2 (1.0)	209.9 (1.3)
Private	— —	— —	227.0 (1.8)	222.8 (1.6)	223.4 (3.0)	228.3 (3.3)	224.7 (2.3)	225.0 (2.7)	226.6 (3.0)	225.7 (3.3)
Region										
Northeast	213.0 (1.7)	214.8 (1.3)	221.1 (2.1)	215.7 (1.7)	215.2 (2.6)	217.4 (2.2)	217.6 (2.6)	217.4 (2.9)	220.0 (1.8)	222.0 (3.5)
Southeast	193.9 (2.9)	201.1 (1.2)	210.3 (2.3)	204.3 (1.6)	207.2 (2.1)	197.4 (3.2)	199.3 (2.0)	208.4 (3.0)	206.0 (2.8)	205.0 (2.3)
Central	214.9 (1.2)	215.5 (1.2)	216.7 (1.4)	215.3 (1.5)	218.2 (2.2)	212.7 (2.0)	215.8 (1.6)	214.3 (2.3)	215.0 (2.6)	215.0 (3.9)
West	205.0 (2.0)	207.0 (2.0)	212.8 (1.8)	207.8 (1.5)	207.9 (2.6)	209.6 (2.8)	209.3 (2.3)	205.1 (2.8)	210.0 (1.9)	206.0 (1.8)
					13-year-olds [1]					
Total	**255.2 (0.9)**	**255.9 (0.8)**	**258.5 (0.9)**	**257.1 (0.5)**	**257.5 (1.0)**	**256.8 (0.8)**	**259.8 (1.2)**	**257.9 (0.9)**	**257.9 (1.0)**	**259.4 (1.0)**
Male	249.6 (1.0)	249.6 (0.8)	254.3 (1.1)	252.6 (0.6)	251.8 (1.3)	250.5 (1.1)	254.1 (1.7)	250.6 (1.2)	251.1 (1.2)	253.5 (1.3)
Female	260.8 (0.9)	262.3 (0.9)	262.6 (0.9)	261.7 (0.6)	263.0 (1.0)	263.1 (1.1)	265.3 (1.2)	265.7 (1.2)	264.3 (1.2)	265.2 (1.2)
Race/ethnicity										
White, non-Hispanic	260.9 (0.7)	262.1 (0.7)	264.4 (0.7)	262.6 (0.6)	261.3 (1.1)	262.3 (0.9)	266.4 (1.2)	265.1 (1.1)	265.9 (1.0)	266.7 (1.2)
Black, non-Hispanic	222.4 (1.2)	225.7 (1.2)	232.8 (1.5)	236.3 (1.0)	242.9 (2.4)	241.5 (2.2)	237.6 (2.3)	234.3 (2.4)	234.0 (2.6)	238.2 (2.4)
Hispanic	(2) —	232.5 (3.0)	237.2 (2.0)	239.6 (1.7)	240.1 (3.5)	237.8 (2.3)	239.2 (3.5)	235.1 (1.9)	238.3 (2.9)	243.8 (2.9)
Parental education										
Not high school graduate	238.4 (1.3)	238.7 (1.2)	238.5 (1.1)	240.0 (0.9)	246.5 (2.1)	240.8 (1.8)	239.2 (2.6)	236.7 (2.4)	239.3 (2.8)	237.9 (3.4)
Graduated high school	255.5 (0.8)	254.6 (0.7)	253.5 (0.9)	253.4 (0.7)	252.7 (1.2)	251.4 (0.9)	252.1 (1.7)	251.4 (1.4)	250.9 (1.5)	251.4 (1.8)
Post high school	270.2 (0.8)	269.8 (0.8)	270.9 (0.8)	267.6 (0.7)	265.3 (1.4)	266.9 (1.0)	269.9 (1.4)	268.5 (1.2)	268.7 (1.2)	269.6 (1.1)
Control of school										
Public	— —	— —	256.9 (1.1)	255.2 (0.6)	256.1 (1.0)	255.0 (0.8)	257.2 (1.3)	255.6 (1.0)	256.0 (1.1)	256.9 (1.4)
Private	— —	— —	270.6 (1.5)	271.2 (1.7)	268.3 (2.8)	269.7 (2.9)	276.3 (2.6)	275.8 (3.4)	273.0 (3.4)	276.4 (3.4)
Region										
Northeast	261.1 (2.0)	258.5 (1.8)	260.0 (1.8)	260.4 (0.6)	258.6 (2.4)	258.9 (1.8)	264.6 (3.2)	269.0 (2.0)	259.0 (2.6)	263.0 (2.9)
Southeast	244.7 (1.7)	249.3 (1.5)	252.6 (1.6)	256.4 (1.5)	257.6 (2.2)	255.5 (2.2)	253.8 (2.5)	252.7 (2.5)	251.0 (3.3)	254.0 (2.4)
Central	260.1 (1.8)	261.5 (1.4)	264.5 (1.4)	258.8 (1.0)	255.9 (2.0)	257.4 (1.5)	263.5 (3.0)	259.3 (3.3)	267.0 (1.8)	261.0 (1.9)
West	253.6 (1.3)	253.2 (1.7)	256.4 (2.0)	253.8 (0.9)	257.9 (2.1)	255.6 (1.6)	257.5 (1.6)	252.9 (2.1)	257.0 (1.7)	259.0 (2.2)
					17-year-olds [1]					
Total	**285.2 (1.2)**	**285.6 (0.8)**	**285.5 (1.2)**	**288.8 (0.6)**	**290.1 (1.0)**	**290.2 (1.1)**	**289.7 (1.1)**	**288.1 (1.3)**	**287.6 (1.1)**	**287.8 (1.3)**
Male	278.9 (1.2)	279.7 (1.0)	281.8 (1.3)	283.8 (0.6)	286.0 (1.5)	284.0 (1.6)	284.2 (1.6)	281.7 (2.2)	280.6 (1.3)	281.5 (1.6)
Female	291.3 (1.3)	291.2 (1.0)	289.2 (1.2)	293.9 (0.8)	293.8 (1.5)	296.5 (1.2)	295.7 (1.1)	294.7 (1.5)	295.1 (1.2)	294.6 (1.4)
Race/ethnicity										
White, non-Hispanic	291.4 (1.0)	293.0 (0.6)	292.8 (0.9)	295.2 (0.7)	294.7 (1.2)	296.6 (1.2)	297.4 (1.4)	295.7 (1.5)	295.1 (1.2)	294.6 (1.4)
Black, non-Hispanic	238.7 (1.7)	240.6 (2.0)	243.1 (1.8)	264.3 (1.0)	274.4 (2.4)	267.3 (2.3)	260.6 (2.1)	266.2 (3.9)	266.1 (2.7)	263.9 (1.7)
Hispanic	(2) —	252.4 (3.6)	261.4 (2.7)	268.1 (2.2)	270.8 (4.3)	274.8 (3.6)	271.2 (3.7)	263.2 (4.9)	265.4 (4.1)	270.7 (3.9)
Parental education										
Not high school graduate	261.3 (1.5)	262.5 (1.3)	262.1 (1.5)	269.4 (1.1)	267.4 (2.0)	269.7 (2.8)	270.8 (3.9)	267.9 (2.7)	267.3 (3.2)	264.8 (3.6)
Graduated high school	283.0 (1.2)	281.4 (1.1)	277.5 (1.0)	281.2 (0.7)	282.0 (1.3)	282.9 (1.4)	280.5 (1.6)	276.1 (1.9)	273.4 (1.7)	273.9 (2.1)
Post high school	302.2 (1.0)	300.6 (0.7)	298.9 (1.0)	301.2 (0.7)	299.5 (1.3)	299.9 (1.1)	298.6 (1.4)	298.5 (1.4)	297.7 (1.2)	297.5 (1.2)
Control of school										
Public	— —	— —	284.4 (1.2)	287.2 (0.6)	288.7 (1.0)	288.6 (1.1)	287.8 (1.0)	286.0 (1.5)	287.0 (1.1)	285.6 (1.3)
Private	— —	— —	298.4 (2.7)	303.0 (2.0)	299.6 (3.8)	311.0 (4.2)	309.6 (4.2)	306.1 (5.8)	294.2 (5.7)	307.2 (3.5)
Region										
Northeast	291.3 (2.8)	289.1 (1.7)	285.9 (2.4)	292.2 (1.9)	294.8 (2.9)	295.7 (1.8)	297.3 (3.2)	296.8 (4.2)	292.0 (2.8)	295.0 (4.0)
Southeast	270.5 (2.4)	276.5 (1.4)	280.1 (2.2)	284.7 (1.6)	285.5 (2.1)	285.1 (2.5)	278.4 (2.9)	283.5 (2.8)	279.0 (2.6)	279.0 (2.4)
Central	290.7 (2.1)	291.8 (1.4)	287.4 (2.2)	290.0 (1.4)	291.2 (1.9)	293.5 (2.4)	293.8 (2.1)	285.7 (3.7)	293.0 (2.1)	292.0 (1.5)
West	283.7 (1.8)	281.6 (1.9)	287.3 (2.1)	288.4 (1.1)	289.0 (1.8)	286.8 (2.6)	290.4 (2.3)	287.8 (2.8)	287.0 (2.4)	286.0 (3.0)

—Not available.

[1] Excludes persons not enrolled in school.

[2] Test scores of Hispanics were not tabulated separately.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. A score of 300 implies an ability to find, understand, summarize, and explain relatively complicated literary and informational material. A score of 250 implies an ability to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. A score of 200 implies an ability to understand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. A score of 150 implies an ability to follow brief written directions and carry out simple, discrete reading tasks. Scale ranges from 0 to 500. Some data have been revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared August 2000.)

Table 113.—Student proficiency in reading, by percentile, age, and sex: 1971 to 1999

Percentile	1971	1975	1980	1984	1988	1990	1992	1994	1996	1999		
										Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
	9-year-olds											
Average	**207.6 (1.0)**	**210.0 (0.7)**	**215.0 (1.0)**	**210.9 (0.7)**	**211.8 (1.1)**	**209.2 (1.2)**	**210.5 (0.9)**	**211.0 (1.2)**	**212.5 (1.0)**	**211.7 (1.3)**	**208.5 (1.6)**	**214.8 (1.5)**
Standard deviation	42.1 (0.4)	38.6 (0.3)	37.9 (0.4)	41.1 (0.4)	41.2 (1.0)	44.7 (0.8)	40.3 (0.6)	40.5 (0.8)	39.0 (0.8)	39.1 (0.7)	40.6 (0.9)	37.5 (0.9)
Percentiles												
5th	134.8 (2.0)	143.2 (1.3)	148.5 (1.6)	140.5 (1.2)	141.9 (3.6)	134.8 (3.2)	140.7 (1.6)	140.1 (2.6)	144.6 (2.4)	143.4 (1.3)	138.8 (1.6)	149.7 (3.1)
10th	151.6 (1.6)	159.2 (1.1)	165.1 (1.4)	156.7 (1.2)	156.7 (2.1)	150.1 (1.9)	156.0 (1.5)	155.6 (2.5)	159.7 (2.1)	158.3 (1.4)	152.9 (2.3)	164.2 (2.6)
25th	180.0 (1.3)	185.2 (0.8)	191.1 (1.2)	183.7 (1.2)	184.3 (1.8)	178.7 (1.8)	183.1 (1.5)	184.1 (1.9)	186.1 (1.3)	185.0 (2.0)	180.3 (1.8)	189.3 (1.6)
50th	209.3 (1.0)	211.9 (0.8)	217.2 (0.9)	212.6 (1.0)	213.7 (1.4)	210.3 (1.5)	213.6 (0.9)	214.8 (1.1)	215.4 (1.2)	214.8 (1.7)	211.5 (2.3)	218.0 (2.7)
75th	236.7 (1.0)	236.5 (0.9)	241.3 (1.0)	239.6 (0.9)	240.1 (1.3)	240.3 (1.8)	239.3 (1.2)	240.0 (1.5)	240.3 (1.0)	239.4 (1.4)	237.1 (2.1)	241.4 (1.6)
90th	260.5 (0.8)	258.1 (0.8)	261.7 (1.1)	262.8 (0.9)	263.0 (1.7)	265.7 (1.8)	259.9 (1.2)	260.1 (1.6)	259.7 (1.0)	259.3 (1.1)	258.4 (3.0)	259.9 (2.7)
95th	274.1 (0.9)	270.6 (0.1)	273.3 (1.6)	276.5 (1.4)	277.5 (2.0)	280.4 (1.3)	272.1 (1.2)	271.7 (1.5)	271.8 (1.3)	272.3 (2.3)	271.8 (3.4)	272.6 (2.0)
	13-year-olds											
Average	**255.2 (0.9)**	**255.9 (0.8)**	**258.5 (0.9)**	**257.1 (0.6)**	**257.5 (1.0)**	**256.8 (0.8)**	**259.8 (1.2)**	**257.9 (0.9)**	**257.9 (1.0)**	**259.4 (1.0)**	**253.5 (1.3)**	**265.2 (1.2)**
Standard deviation	35.7 (0.4)	35.8 (0.3)	34.9 (0.4)	35.5 (0.3)	34.7 (0.5)	36.0 (0.6)	39.4 (0.8)	39.8 (0.7)	39.1 (0.9)	38.4 (0.8)	38.9 (1.1)	37.0 (1.0)
Percentiles												
5th	192.8 (1.8)	193.5 (1.1)	199.1 (1.9)	196.7 (1.1)	199.5 (1.7)	195.7 (1.9)	190.9 (2.8)	188.2 (4.9)	189.1 (2.3)	193.4 (2.6)	186.3 (3.6)	203.0 (3.0)
10th	207.8 (1.4)	208.7 (1.0)	212.8 (1.5)	210.2 (0.9)	212.9 (1.2)	209.8 (1.8)	207.9 (1.9)	205.1 (1.7)	206.4 (2.1)	209.2 (1.6)	201.4 (1.9)	217.5 (2.4)
25th	232.3 (1.2)	232.9 (1.0)	235.3 (1.1)	233.9 (0.8)	234.2 (1.2)	233.2 (1.0)	234.7 (1.8)	232.5 (1.2)	233.1 (1.5)	234.2 (1.1)	227.4 (2.0)	240.4 (1.2)
50th	257.0 (1.0)	257.7 (0.9)	259.6 (0.8)	258.2 (0.8)	257.9 (1.1)	257.3 (0.9)	261.6 (1.6)	260.1 (1.1)	260.1 (0.9)	261.0 (1.5)	255.2 (1.4)	266.3 (1.5)
75th	279.9 (0.8)	280.6 (0.8)	282.8 (0.8)	281.6 (0.6)	281.4 (1.4)	281.5 (0.8)	287.0 (1.4)	285.2 (1.1)	284.8 (0.8)	285.8 (1.6)	281.1 (2.4)	290.7 (2.6)
90th	299.6 (0.9)	300.5 (1.0)	302.3 (0.8)	301.7 (0.8)	301.6 (1.0)	302.0 (1.0)	309.2 (1.8)	307.4 (1.4)	306.1 (1.4)	308.2 (2.4)	302.3 (2.3)	312.3 (2.1)
95th	310.8 (0.9)	311.8 (1.0)	313.9 (0.8)	313.7 (1.0)	313.7 (1.3)	314.4 (1.3)	321.9 (2.6)	320.3 (1.4)	319.3 (1.8)	320.1 (1.2)	313.7 (1.7)	324.9 (2.0)
	17-year-olds											
Average	**285.2 (1.2)**	**285.6 (0.8)**	**285.5 (1.2)**	**288.8 (0.8)**	**290.1 (1.0)**	**290.2 (1.1)**	**289.7 (1.1)**	**288.1 (1.3)**	**287.6 (1.1)**	**287.8 (1.3)**	**281.5 (1.6)**	**294.6 (1.4)**
Standard deviation	45.8 (0.5)	44.0 (0.6)	41.8 (0.6)	40.3 (0.3)	37.1 (0.7)	41.3 (0.7)	43.0 (0.6)	44.4 (1.0)	42.2 (0.8)	41.8 (0.8)	42.8 (1.2)	39.6 (0.8)
Percentiles												
5th	206.1 (1.5)	209.3 (3.0)	213.0 (1.7)	219.9 (1.3)	226.1 (1.3)	220.0 (2.3)	214.3 (2.9)	210.8 (3.6)	214.1 (2.5)	215.0 (4.5)	206.8 (3.2)	228.7 (5.7)
10th	225.3 (1.7)	228.4 (1.7)	230.6 (1.8)	236.0 (0.9)	241.5 (2.2)	236.9 (3.1)	232.7 (2.7)	230.0 (3.1)	232.0 (1.7)	233.1 (3.7)	224.5 (2.3)	244.4 (1.9)
25th	255.9 (1.6)	257.8 (1.1)	258.7 (1.2)	262.5 (1.1)	265.7 (1.8)	263.5 (1.3)	262.6 (1.1)	259.8 (1.8)	259.9 (1.1)	260.7 (2.2)	253.0 (2.2)	268.4 (1.6)
50th	287.7 (1.4)	287.9 (0.7)	287.5 (1.4)	290.3 (0.9)	291.1 (1.9)	291.1 (1.3)	293.0 (1.2)	289.9 (1.8)	288.9 (1.9)	289.2 (1.8)	283.2 (1.6)	295.3 (1.6)
75th	316.7 (1.0)	315.7 (0.7)	314.6 (1.2)	316.8 (0.9)	316.0 (1.4)	318.6 (1.5)	319.4 (1.4)	318.7 (1.8)	316.4 (1.6)	316.4 (1.2)	311.2 (1.9)	321.6 (1.9)
90th	341.7 (1.1)	340.0 (0.9)	337.5 (1.4)	339.6 (0.7)	336.9 (2.1)	342.7 (2.1)	342.7 (1.8)	343.0 (1.8)	341.0 (1.7)	340.6 (2.2)	335.3 (2.6)	345.4 (2.9)
95th	356.5 (1.5)	354.3 (0.7)	350.9 (1.3)	352.6 (1.0)	348.7 (1.8)	356.0 (1.7)	355.8 (1.9)	357.7 (1.7)	355.1 (2.6)	355.1 (1.7)	350.3 (6.4)	359.1 (3.0)

NOTE: All age groups exclude persons not enrolled in school. These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. A score of 300 implies an ability to find, understand, summarize, and explain relatively complicated literary and informational material. A score of 250 implies an ability to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. A score of 200 implies an ability to understand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. A score of 150 implies an ability to follow brief written directions and carry out simple, discrete reading tasks. Scale ranges from 0 to 500. Some data revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared August 2000.)

Table 114.—Student proficiency in reading, by age, amount of time spent on homework, and reading habits: 1984, 1994, 1996, and 1999

Time spent on homework and reading habits	9-year-olds				13-year-olds				17-year-olds			
	1984	1994	1996	1999	1984	1994	1996	1999	1984	1994	1996	1999
1	2	3	4	5	6	7	8	9	10	11	12	13
	Average proficiency											
Materials read a few times a year or more												
Poems	211 (1.9)	210 (2.9)	215 (2.8)	213 (2.7)	260 (1.2)	261 (2.3)	262 (2.5)	263 (1.9)	290 (1.5)	293 (2.1)	294 (2.8)	292 (2.6)
Plays	211 (2.5)	207 (3.0)	214 (4.1)	211 (3.7)	260 (1.3)	263 (2.1)	262 (2.4)	264 (2.3)	290 (1.7)	294 (2.4)	293 (2.3)	294 (2.7)
Biographies	213 (2.4)	210 (3.4)	220 (3.2)	215 (3.0)	261 (1.3)	261 (2.1)	262 (2.3)	263 (2.1)	292 (1.4)	293 (2.4)	293 (2.3)	291 (2.8)
Science books	212 (1.6)	211 (2.6)	214 (2.0)	213 (2.1)	259 (1.2)	260 (2.1)	261 (2.2)	261 (1.7)	289 (1.4)	293 (2.4)	290 (2.2)	291 (2.3)
Books about other times	211 (1.7)	211 (2.6)	213 (2.3)	213 (2.5)	259 (1.1)	260 (2.2)	262 (2.2)	262 (2.1)	289 (1.4)	293 (2.3)	292 (2.8)	292 (2.0)
Frequency of reading for fun												
Daily	214 (1.1)	215 (2.3)	213 (2.0)	215 (2.4)	264 (1.4)	272 (3.2)	269 (3.3)	272 (3.2)	297 (1.5)	302 (4.2)	302 (5.2)	301 (4.9)
Weekly	212 (1.7)	214 (3.1)	212 (2.6)	215 (2.6)	255 (1.4)	255 (3.1)	258 (3.2)	263 (3.2)	290 (1.7)	286 (4.1)	293 (4.0)	289 (2.9)
Monthly	204 (3.3)	213 (5.8)	210 (5.0)	211 (4.2)	255 (2.1)	255 (5.7)	259 (4.6)	260 (3.7)	290 (1.8)	286 (4.5)	290 (5.6)	286 (4.8)
Yearly	197 (4.2)	— —	— —	— —	252 (3.6)	252 (5.4)	— —	253 (4.4)	279 (2.7)	281 (8.2)	285 (5.6)	283 (4.4)
Never	198 (2.7)	193 (3.9)	199 (4.3)	195 (3.3)	239 (2.5)	237 (5.1)	236 (4.8)	242 (5.3)	269 (2.4)	258 (5.2)	270 (5.0)	262 (5.0)
Reading of books, newspapers, and magazines												
Yearly/monthly	207 (1.6)	206 (3.8)	208 (3.1)	209 (2.9)	244 (1.7)	245 (3.7)	249 (3.4)	252 (2.9)	270 (2.0)	279 (4.0)	275 (4.5)	276 (3.8)
Weekly	219 (2.5)	216 (3.7)	221 (4.7)	220 (3.5)	261 (1.6)	262 (2.6)	262 (3.0)	261 (3.3)	288 (1.5)	295 (2.8)	294 (3.2)	292 (2.2)
Daily	211 (3.8)	— —	— —	214 (6.3)	269 (2.2)	275 (3.9)	270 (3.4)	271 (4.0)	299 (1.9)	296 (4.0)	295 (4.8)	299 (6.5)
Time spent on homework												
None	212 (0.9)	213 (2.0)	210 (1.9)	210 (1.9)	254 (0.8)	250 (1.7)	254 (1.3)	251 (2.0)	276 (0.7)	273 (2.3)	274 (1.9)	275 (2.3)
Didn't do assignment	199 (2.1)	200 (4.3)	196 (5.2)	204 (4.4)	247 (1.7)	243 (5.6)	249 (3.3)	249 (4.2)	287 (1.2)	285 (2.1)	281 (2.2)	282 (3.1)
Less than 1 hour	217 (0.7)	212 (1.4)	215 (1.0)	214 (1.5)	261 (0.6)	261 (1.3)	258 (1.6)	262 (1.2)	290 (0.8)	288 (1.6)	289 (1.5)	291 (2.3)
1 to 2 hours	216 (1.3)	214 (3.0)	219 (2.1)	215 (3.2)	266 (0.7)	268 (1.7)	266 (1.6)	269 (1.6)	296 (0.8)	297 (1.7)	296 (2.1)	296 (2.0)
More than 2 hours	201 (1.8)	193 (6.1)	199 (4.5)	197 (3.5)	265 (1.2)	270 (2.4)	268 (2.3)	269 (3.0)	303 (1.1)	306 (3.1)	307 (3.4)	300 (2.8)
	Percent											
Materials read a few times a year or more												
Poems	70 (1.5)	62 (2.3)	60 (1.9)	64 (2.4)	68 (1.3)	79 (1.4)	80 (1.9)	77 (1.6)	76 (1.1)	85 (2.2)	80 (1.8)	85 (2.0)
Plays	56 (1.4)	45 (2.2)	42 (2.3)	44 (2.2)	59 (1.4)	63 (2.3)	67 (2.1)	61 (1.8)	63 (1.0)	70 (2.1)	67 (1.6)	72 (2.0)
Biographies	45 (1.5)	47 (2.1)	46 (2.4)	49 (3.0)	62 (1.3)	68 (1.7)	65 (2.6)	72 (2.1)	59 (1.2)	69 (1.8)	66 (1.7)	70 (1.9)
Science books	84 (1.3)	87 (1.8)	83 (2.2)	80 (1.6)	90 (1.1)	92 (1.4)	90 (1.9)	89 (1.2)	70 (1.1)	84 (1.9)	82 (2.0)	84 (1.3)
Books about other times	79 (1.2)	79 (2.0)	78 (1.6)	79 (1.9)	83 (1.1)	83 (1.8)	84 (1.8)	84 (1.3)	81 (0.9)	82 (2.0)	81 (1.9)	81 (2.0)
Frequency of reading for fun	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —
Daily	53 (1.0)	58 (1.6)	54 (1.9)	54 (1.6)	35 (1.0)	32 (1.8)	32 (1.9)	28 (1.7)	31 (0.8)	30 (2.6)	23 (2.0)	25 (1.7)
Weekly	28 (0.8)	25 (1.5)	27 (1.8)	26 (1.5)	35 (1.2)	32 (2.1)	31 (2.1)	36 (1.7)	34 (1.1)	31 (1.9)	32 (2.7)	28 (2.7)
Monthly	7 (0.6)	5 (0.6)	8 (1.0)	6 (0.6)	14 (0.8)	14 (1.7)	15 (1.4)	17 (1.6)	17 (0.5)	15 (1.5)	17 (1.5)	19 (1.7)
Yearly	3 (0.3)	3 (0.6)	3 (0.5)	4 (0.7)	7 (0.5)	10 (1.2)	9 (1.2)	10 (1.2)	10 (0.5)	12 (1.5)	12 (1.6)	12 (1.4)
Never	9 (0.5)	9 (0.8)	8 (0.8)	10 (0.8)	8 (0.6)	12 (1.7)	13 (1.5)	9 (1.4)	9 (0.6)	12 (1.4)	16 (2.1)	16 (2.4)
Reading of books, newspapers, and magazines	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —
Yearly/monthly	59 (1.5)	64 (1.8)	67 (2.3)	63 (2.6)	30 (1.5)	34 (2.5)	32 (2.6)	32 (2.3)	20 (1.0)	22 (1.7)	25 (2.1)	26 (2.1)
Weekly	31 (1.5)	27 (1.8)	22 (1.9)	27 (2.4)	49 (1.1)	47 (2.5)	47 (2.2)	49 (2.2)	53 (1.2)	55 (2.3)	52 (2.6)	52 (2.2)
Daily	11 (0.9)	9 (1.3)	10 (1.2)	11 (1.2)	21 (1.1)	19 (1.7)	21 (1.7)	19 (1.9)	27 (1.3)	23 (1.8)	23 (1.9)	21 (2.1)
Time spent on homework	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —	100 —
None	36 (1.3)	32 (2.1)	26 (1.6)	26 (1.6)	23 (0.8)	23 (1.4)	22 (1.8)	24 (1.2)	22 (0.9)	23 (1.4)	23 (1.4)	26 (1.0)
Didn't do assignment	4 (0.3)	4 (0.4)	4 (0.3)	4 (0.3)	4 (0.2)	6 (0.6)	5 (0.5)	5 (0.4)	11 (0.3)	11 (0.6)	13 (0.6)	13 (0.7)
Less than 1 hour	41 (1.0)	48 (1.7)	53 (1.5)	53 (1.4)	36 (0.7)	34 (1.0)	37 (1.2)	37 (1.4)	26 (0.4)	27 (0.9)	28 (0.9)	26 (1.0)
1 to 2 hours	13 (0.5)	12 (0.7)	13 (0.7)	12 (0.7)	29 (0.5)	28 (1.0)	27 (1.2)	26 (1.0)	27 (0.5)	26 (1.2)	24 (1.0)	23 (0.8)
More than 2 hours	6 (0.2)	4 (0.4)	4 (0.3)	5 (0.5)	9 (0.3)	9 (0.7)	8 (0.9)	8 (0.8)	13 (0.6)	13 (0.9)	11 (0.7)	12 (0.9)

—Not available.

NOTE: All age groups exclude persons not enrolled in school. These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. A score of 300 implies an ability to find, understand, summarize and explain relatively complicated literary and informational material. A score of 250 implies an ability to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. A score of 200 implies an ability to understand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. A score of 150 implies an ability to follow brief written directions and carry out simple, discrete reading tasks. Scale ranges from 0 to 500. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared November 2001.)

Table 115.—Percent of students at or above selected reading proficiency levels, by sex, race/ethnicity, and age: 1971 to 1999

Sex, race/ethnicity, and level	1971	1975	1980	1984	1988	1990	1992	1994	1996	1999
1	2	3	4	5	6	7	8	9	10	11
					9-year-olds[1]					
Total										
Level 150[2]	90.6 (0.5)	93.1 (0.4)	94.6 (0.4)	92.3 (0.3)	92.7 (0.7)	90.1 (0.9)	92.3 (0.4)	92.1 (0.7)	93.5 (0.6)	93.0 (0.7)
Level 200[3]	58.7 (1.0)	62.1 (0.8)	67.7 (1.0)	61.5 (0.7)	62.6 (1.3)	58.9 (1.3)	62.0 (1.1)	63.3 (1.4)	64.2 (1.3)	63.7 (1.4)
Level 250[4]	15.6 (0.6)	14.6 (0.6)	17.7 (0.8)	17.2 (0.6)	17.5 (1.1)	18.4 (1.0)	16.2 (0.8)	16.5 (1.2)	16.7 (0.8)	15.9 (1.0)
Male										
Level 150[2]	87.9 (0.7)	91.0 (0.5)	92.9 (0.5)	90.4 (0.5)	90.4 (0.9)	87.9 (1.4)	90.2 (0.8)	90.2 (1.0)	91.6 (0.8)	91.0 (1.1)
Level 200[3]	52.7 (1.2)	56.2 (1.0)	62.7 (1.1)	58.0 (0.9)	58.4 (1.8)	53.8 (1.9)	56.9 (1.6)	59.2 (1.5)	58.3 (2.0)	61.0 (1.8)
Level 250[4]	12.0 (0.6)	11.5 (0.6)	14.6 (0.9)	15.9 (0.7)	15.8 (1.4)	16.1 (1.2)	14.2 (1.0)	15.2 (1.2)	14.1 (1.3)	15.0 (1.3)
Female										
Level 150[2]	93.2 (0.5)	95.3 (0.3)	96.4 (0.4)	94.2 (0.4)	94.9 (1.0)	92.4 (1.1)	94.4 (0.6)	94.0 (0.8)	95.3 (0.6)	95.0 (0.8)
Level 200[3]	64.6 (1.1)	68.1 (0.8)	72.7 (1.0)	65.2 (0.8)	66.9 (1.4)	64.2 (1.2)	67.3 (1.2)	67.3 (1.9)	69.9 (1.6)	67.0 (1.6)
Level 250[4]	19.2 (0.8)	17.7 (0.8)	20.7 (1.0)	18.4 (0.7)	19.1 (1.2)	20.8 (1.2)	18.2 (1.1)	17.8 (1.5)	19.2 (1.3)	17.0 (1.3)
White[5]										
Level 150[2]	94.0 (0.4)	96.0 (0.3)	97.1 (0.2)	95.4 (0.3)	95.1 (0.7)	93.5 (0.9)	95.8 (0.5)	95.7 (0.5)	96.4 (0.6)	97.0 (0.4)
Level 200[3]	65.0 (1.0)	69.0 (0.8)	74.2 (0.7)	68.6 (0.8)	68.4 (1.6)	66.0 (1.4)	69.3 (1.2)	70.1 (1.5)	71.4 (1.5)	73.0 (1.6)
Level 250[4]	18.0 (0.7)	17.4 (0.7)	21.0 (0.9)	20.9 (0.7)	20.3 (1.5)	22.6 (1.2)	19.6 (1.0)	19.7 (1.5)	20.4 (1.1)	20.0 (1.4)
Black[5]										
Level 150[2]	69.7 (1.7)	80.7 (1.1)	84.9 (1.4)	81.3 (1.0)	83.2 (2.4)	76.9 (2.7)	79.6 (2.2)	78.7 (2.4)	84.5 (1.9)	82.0 (2.5)
Level 200[3]	22.0 (1.5)	31.6 (1.5)	41.3 (1.9)	36.6 (1.5)	39.4 (2.9)	33.9 (3.4)	36.6 (2.2)	38.3 (2.8)	41.8 (3.2)	36.0 (3.0)
Level 250[4]	1.6 (0.5)	2.0 (0.3)	4.1 (0.6)	4.5 (0.5)	5.6 (1.2)	5.2 (1.5)	4.6 (0.8)	4.4 (1.5)	6.0 (1.1)	4.0 (1.1)
Hispanic										
Level 150[2]	— —	80.8 (2.5)	84.5 (1.8)	82.0 (2.1)	85.6 (3.5)	83.7 (1.8)	83.4 (2.6)	80.4 (4.6)	85.8 (2.4)	87.0 (3.3)
Level 200[3]	— —	34.6 (3.0)	41.6 (2.6)	39.6 (2.2)	45.9 (3.3)	40.9 (2.7)	43.1 (3.5)	37.1 (4.6)	48.0 (3.8)	44.0 (3.4)
Level 250[4]	— —	2.6 (0.5)	5.0 (1.4)	4.3 (0.6)	8.6 (2.3)	5.8 (2.0)	7.2 (2.3)	6.4 (1.6)	7.1 (3.2)	6.0 (1.7)
					13-year-olds[1]					
Total										
Level 150[2]	99.8 (0.0)	99.7 (0.1)	99.9 (0.1)	99.8 (0.0)	99.9 (0.1)	99.8 (0.1)	99.5 (0.3)	99.3 (0.2)	99.6 (0.2)	99.6 (0.2)
Level 200[3]	93.0 (0.5)	93.2 (0.4)	94.8 (0.4)	93.9 (0.3)	94.9 (0.6)	93.8 (0.6)	92.7 (0.7)	91.7 (0.6)	92.1 (0.7)	93.2 (0.7)
Level 250[4]	57.8 (1.1)	58.6 (1.0)	60.7 (1.1)	59.0 (0.6)	58.7 (1.3)	58.7 (1.0)	61.6 (1.4)	60.4 (1.2)	59.9 (1.3)	60.9 (1.5)
Level 300[6]	9.8 (0.5)	10.2 (0.5)	11.3 (0.5)	11.0 (0.4)	10.9 (0.8)	11.0 (0.6)	15.3 (0.9)	14.1 (0.8)	13.5 (1.0)	14.5 (1.1)
Male										
Level 150[2]	99.6 (0.1)	99.6 (0.1)	99.8 (0.1)	99.7 (0.1)	99.7 (0.2)	99.7 (0.2)	99.2 (0.4)	99.1 (0.3)	99.3 (0.4)	99.0 (0.3)
Level 200[3]	90.7 (0.7)	90.9 (0.5)	93.4 (0.6)	92.2 (0.4)	92.8 (1.0)	91.4 (0.9)	90.4 (1.1)	88.8 (1.1)	89.2 (1.2)	91.0 (0.9)
Level 250[4]	51.6 (1.2)	51.7 (1.1)	55.9 (1.2)	54.0 (0.8)	52.3 (1.9)	52.4 (1.5)	55.5 (2.0)	53.3 (1.9)	53.4 (1.6)	55.0 (1.9)
Level 300[6]	7.3 (0.5)	7.0 (0.4)	9.1 (0.7)	9.0 (0.4)	8.6 (0.9)	7.6 (0.8)	12.8 (1.1)	10.1 (0.7)	10.1 (1.0)	11.0 (1.1)
Female										
Level 150[2]	99.9 (0.1)	99.9 (0.1)	99.9 (0.0)	99.9 (0.1)	100.0 —	99.9 —	99.8 —	99.6 (0.2)	99.8 —	100.0 —
Level 200[3]	95.2 (0.4)	95.5 (0.4)	96.1 (0.4)	95.8 (0.3)	96.9 (0.6)	96.3 (0.6)	95.0 (0.7)	94.9 (0.6)	94.9 (0.6)	96.0 (0.7)
Level 250[4]	64.0 (1.1)	65.5 (1.2)	65.4 (1.1)	64.0 (0.7)	65.0 (1.4)	65.0 (1.5)	67.5 (1.4)	67.9 (1.7)	66.2 (1.6)	66.0 (1.9)
Level 300[6]	12.3 (0.6)	13.5 (0.7)	13.5 (0.6)	13.2 (0.5)	13.2 (0.9)	14.5 (0.9)	17.7 (1.1)	18.4 (1.1)	16.8 (1.3)	18.0 (1.7)
White[5]										
Level 150[2]	99.9 (0.0)	99.9 0.0	100.0 —	99.9 (0.0)	99.9 —	99.9 (0.1)	99.8 (0.1)	99.6 (0.2)	99.7 (0.2)	100.0 (0.1)
Level 200[3]	96.2 (0.3)	96.4 (0.2)	97.1 (0.2)	96.2 (0.3)	96.0 (0.6)	96.0 (0.6)	95.9 (0.6)	95.0 (0.7)	95.5 (0.5)	96.0 (0.6)
Level 250[4]	64.2 (0.9)	65.5 (0.9)	67.8 (0.8)	65.3 (0.7)	63.7 (1.5)	64.8 (1.2)	68.5 (1.4)	68.1 (1.3)	68.7 (1.4)	69.0 (1.7)
Level 300[6]	11.3 (0.5)	12.1 (0.5)	13.6 (0.6)	13.1 (0.5)	12.4 (0.9)	13.3 (0.9)	18.1 (1.1)	17.2 (1.0)	16.9 (1.3)	18.0 (1.4)
Black[5]										
Level 150[2]	98.6 (0.3)	98.4 (0.3)	99.3 (0.3)	99.4 (0.2)	99.8 —	99.4 —	98.7 —	98.8 —	99.4 —	99.0 —
Level 200[3]	74.2 (1.7)	76.9 (1.3)	84.1 (1.7)	85.5 (1.0)	91.3 (2.2)	87.7 (2.3)	82.0 (2.7)	80.6 (2.3)	81.5 (3.2)	85.0 (2.3)
Level 250[4]	21.1 (1.2)	24.8 (1.6)	30.1 (2.0)	34.6 (1.2)	40.2 (2.3)	41.7 (3.5)	38.4 (2.7)	35.6 (3.5)	34.0 (3.9)	38.0 (2.7)
Level 300[6]	0.8 (0.2)	1.5 (0.3)	1.8 (0.5)	2.8 (0.5)	4.6 (1.2)	4.6 (0.8)	5.7 (1.4)	3.9 (1.2)	3.0 (0.9)	5.0 (1.4)
Hispanic										
Level 150[2]	— —	99.6 (0.3)	99.7 —	99.5 —	99.2 —	99.1 (0.5)	98.1 —	98.7 —	98.6 —	100.0 —
Level 200[3]	— —	81.3 (2.3)	86.8 (2.4)	86.7 (1.5)	87.4 (2.6)	85.8 (2.4)	83.4 (3.5)	82.4 (2.7)	84.9 (3.2)	89.0 (2.8)
Level 250[4]	— —	32.0 (3.6)	35.4 (2.6)	39.0 (2.1)	38.0 (4.4)	37.2 (2.9)	40.9 (5.1)	33.9 (3.9)	38.1 (3.7)	43.0 (3.8)
Level 300[6]	— —	2.2 (1.0)	2.3 (0.6)	4.1 (0.7)	4.4 (1.9)	3.9 (1.2)	6.0 (1.9)	4.3 (1.8)	5.4 (1.7)	6.0 (1.8)
					17-year-olds[1]					
Total										
Level 150[2]	99.6 (0.1)	99.7 (0.1)	99.9 (0.1)	100.0 (0.0)	100.0 —	99.9 —	99.8 (0.1)	99.8 (0.1)	100.0 —	100.0 —
Level 200[3]	96.0 (0.3)	96.4 (0.3)	97.2 (0.3)	98.3 (0.1)	98.9 (0.3)	98.1 (0.3)	97.1 (0.4)	96.8 (0.5)	97.5 (0.5)	97.6 (0.4)
Level 250[4]	78.6 (0.9)	80.1 (0.7)	80.7 (0.9)	83.1 (0.5)	85.7 (0.8)	84.1 (1.0)	82.5 (0.8)	80.8 (1.0)	81.8 (0.8)	82.0 (1.0)
Level 300[6]	39.0 (1.0)	38.7 (0.8)	37.8 (1.1)	40.3 (0.8)	40.9 (1.5)	41.4 (1.0)	43.2 (1.1)	41.0 (1.2)	39.4 (1.4)	39.6 (1.4)
Male										
Level 150[2]	99.4 (0.1)	99.5 (0.2)	99.8 (0.1)	99.9 (0.0)	100.0 —	99.8 —	99.7 (0.2)	99.7 —	99.9 —	100.0 —
Level 200[3]	94.7 (0.4)	95.3 (0.4)	96.3 (0.5)	97.6 (0.2)	98.5 (0.5)	97.0 (0.6)	96.3 (0.7)	95.5 (0.9)	96.4 (0.8)	97.0 (0.6)
Level 250[4]	74.4 (1.0)	75.6 (0.8)	77.9 (1.0)	79.6 (0.6)	82.9 (1.4)	79.7 (1.4)	78.4 (1.2)	76.2 (1.5)	77.0 (1.2)	77.0 (1.5)
Level 300[6]	33.9 (1.1)	33.7 (1.0)	35.0 (1.3)	35.4 (0.8)	37.1 (2.3)	36.1 (1.5)	38.4 (1.6)	35.6 (1.9)	33.6 (1.9)	34.0 (1.7)
Female										
Level 150[2]	99.8 (0.1)	99.8 (0.1)	99.9 —	99.9 —	100.0 —	100.0 —	99.9 —	99.9 —	100.0 —	100.0 —
Level 200[3]	97.3 (0.3)	97.5 (0.4)	98.1 (0.3)	99.0 (0.1)	99.3 (0.3)	99.2 (0.3)	97.9 (0.4)	98.0 (0.5)	98.6 (0.5)	99.0 (0.4)
Level 250[4]	82.6 (1.0)	84.3 (0.9)	83.6 (1.0)	86.8 (0.6)	88.2 (1.1)	88.6 (1.0)	86.8 (1.1)	85.6 (1.2)	85.8 (1.0)	87.0 (1.0)
Level 300[6]	44.0 (1.2)	43.6 (0.9)	40.7 (1.2)	45.0 (0.9)	44.4 (2.0)	46.8 (1.3)	48.5 (1.5)	46.5 (1.5)	45.4 (1.7)	45.0 (1.8)
White[5]										
Level 150[2]	99.9 0.0	99.9 (0.0)	100.0 —	100.0 —	100.0 —	100.0 —	99.9 —	100.0 —	100.0 —	100.0 —
Level 200[3]	97.9 (0.2)	98.6 (0.1)	99.1 (0.1)	99.0 (0.1)	99.3 (0.3)	98.8 (0.2)	98.6 (0.3)	98.1 (0.4)	98.5 (0.4)	98.0 (0.4)
Level 250[4]	83.7 (0.7)	86.2 (0.6)	86.9 (0.6)	88.0 (0.5)	88.7 (0.9)	88.3 (1.1)	88.0 (0.9)	86.2 (1.1)	87.0 (0.8)	87.0 (1.3)
Level 300[6]	43.2 (0.9)	43.9 (0.8)	43.3 (1.1)	46.3 (0.9)	45.4 (1.6)	47.5 (1.2)	50.1 (1.4)	47.7 (1.4)	46.0 (1.5)	46.0 (1.5)
Black[5]										
Level 150[2]	97.6 (0.4)	97.7 (0.8)	99.0 (0.3)	99.9 —	100.0 —	99.6 —	99.1 —	99.5 —	99.8 —	100.0 —
Level 200[3]	81.9 (1.5)	82.0 (1.8)	85.6 (1.7)	95.9 (0.5)	98.0 (1.0)	95.7 (1.3)	91.6 (1.6)	93.4 (2.0)	94.9 (1.9)	95.0 (1.1)
Level 250[4]	40.1 (1.6)	43.0 (1.6)	44.0 (2.0)	65.7 (1.2)	75.8 (2.4)	69.1 (2.8)	61.4 (2.3)	65.7 (4.1)	67.9 (4.0)	66.0 (2.5)
Level 300[6]	7.7 (0.9)	8.1 (0.7)	7.1 (0.8)	16.2 (0.9)	24.9 (3.1)	19.7 (1.8)	16.9 (2.5)	21.5 (3.7)	18.5 (2.2)	17.0 (1.7)
Hispanic										
Level 150[2]	— —	99.3 (0.4)	99.8 —	99.8 —	99.9 —	99.7 —	99.8 —	99.0 —	99.9 —	100.0 —
Level 200[3]	— —	88.7 (2.4)	93.3 (1.8)	95.6 (0.7)	96.3 (2.4)	95.9 (2.1)	93.4 (2.3)	91.1 (3.4)	94.1 (1.8)	97.0 —
Level 250[4]	— —	52.9 (4.1)	62.2 (3.1)	68.3 (2.1)	71.5 (4.8)	75.2 (4.7)	69.2 (4.0)	63.0 (4.4)	65.0 (4.2)	68.0 (4.3)
Level 300[6]	— —	12.6 (2.7)	16.5 (2.1)	21.2 (2.3)	23.3 (3.7)	27.1 (3.3)	27.3 (3.2)	20.1 (3.0)	20.5 (4.8)	24.0 (3.8)

—Not available.

[1] Excludes persons not enrolled in school.

[2] Able to follow brief written directions and carry out simple, discrete reading tasks.

[3] Able to understand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information.

[4] Able to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials.

[5] Data for 1971 include persons of Hispanic origin.

[6] Able to find, understand, summarize, and explain relatively complicated literary and informational material.

NOTE: Reading proficiency levels measured by the National Assessment of Educational Progress (NAEP). Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared October 2001).

Table 116.—Average proficiency in reading for 4th-graders in public schools, by selected characteristics, and state: 1994 and 1998

State	1994			1998							
	Average	Sex		Average	Sex		Race/ethnicity				
		Male	Female		Male	Female	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native
1	2	3	4	5	6	7	8	9	10	11	12
United States[1]	**212 (1.1)**	**207 (1.3)**	**218 (1.2)**	**215 (0.8)**	**212 (1.2)**	**218 (0.8)**	**225 (0.9)**	**193 (1.8)**	**195 (1.9)**	**222 (2.8)**	**200 (3.2)**
Alabama	208 (1.5)	203 (1.9)	213 (1.6)	211 (1.8)	208 (1.8)	214 (2.1)	222 (2.0)	193 (2.0)	190 (4.5)	(2) (2)	(2) (2)
Arizona	206 (1.9)	201 (2.2)	211 (2.1)	207 (2.0)	201 (2.2)	212 (2.3)	220 (1.4)	190 (3.8)	186 (3.7)	(2) (2)	202 (4.3)
Arkansas	209 (1.7)	204 (1.9)	213 (1.8)	209 (1.5)	206 (1.8)	212 (1.7)	218 (1.3)	186 (2.4)	187 (5.3)	(2) (2)	(2) (2)
California[3]	197 (1.8)	194 (1.9)	200 (2.2)	202 (3.2)	198 (3.6)	206 (3.3)	217 (2.6)	189 (4.6)	181 (5.2)	215 (5.1)	(2) (2)
Colorado	213 (1.3)	209 (1.8)	218 (1.5)	222 (1.3)	218 (1.7)	225 (1.5)	229 (1.3)	202 (4.4)	202 (2.1)	228 (6.8)	(2) (2)
Connecticut	222 (1.6)	218 (1.8)	226 (2.0)	232 (1.9)	229 (2.0)	234 (2.0)	240 (1.7)	205 (3.1)	205 (3.9)	244 (4.3)	(2) (2)
Delaware	206 (1.1)	200 (2.1)	212 (1.5)	212 (1.3)	208 (1.5)	216 (1.9)	220 (1.5)	199 (1.9)	193 (3.8)	(2) (2)	(2) (2)
District of Columbia	— —	— —	— —	182 (1.4)	177 (1.8)	186 (2.1)	231 (5.9)	180 (1.6)	168 (4.3)	(2) (2)	(2) (2)
Florida	205 (1.7)	199 (2.1)	210 (1.8)	207 (1.5)	203 (1.9)	212 (1.7)	219 (1.8)	189 (2.2)	200 (3.0)	(2) (2)	(2) (2)
Georgia	207 (2.4)	201 (3.0)	212 (2.2)	210 (1.6)	206 (1.9)	213 (1.7)	225 (2.0)	193 (2.0)	193 (4.2)	(2) (2)	(2) (2)
Hawaii	201 (1.7)	194 (2.1)	208 (1.7)	200 (1.8)	194 (2.5)	205 (1.8)	211 (2.3)	195 (4.6)	183 (3.5)	201 (2.3)	183 (5.6)
Indiana	220 (1.3)	216 (1.5)	223 (1.5)	— —	— —	— —	— —	— —	— —	— —	— —
Iowa[3]	223 (1.3)	219 (1.6)	227 (1.5)	223 (1.2)	218 (1.5)	228 (1.4)	226 (1.2)	192 (4.1)	210 (2.7)	(2) (2)	(2) (2)
Kansas[3]	— —	— —	— —	222 (1.5)	219 (1.6)	226 (1.6)	228 (1.5)	198 (3.7)	207 (3.7)	(2) (2)	214 (5.3)
Kentucky	212 (1.6)	206 (1.8)	217 (2.0)	218 (1.5)	216 (1.8)	220 (1.6)	221 (1.5)	196 (3.0)	195 (5.1)	(2) (2)	(2) (2)
Louisiana	197 (1.3)	193 (1.6)	200 (1.7)	204 (1.5)	199 (1.8)	209 (1.6)	222 (1.3)	186 (2.0)	184 (4.1)	(2) (2)	(2) (2)
Maine	228 (1.3)	225 (1.6)	231 (1.6)	225 (1.2)	222 (1.4)	229 (1.5)	227 (1.2)	(2) (2)	208 (6.2)	(2) (2)	(2) (2)
Maryland	210 (1.5)	205 (1.8)	214 (1.8)	215 (1.6)	209 (2.0)	221 (1.6)	229 (1.7)	195 (2.4)	200 (4.1)	230 (5.4)	(2) (2)
Massachusetts[3]	223 (1.3)	221 (1.5)	226 (1.5)	225 (1.4)	221 (1.6)	229 (1.7)	231 (1.3)	202 (3.2)	200 (3.3)	216 (5.5)	(2) (2)
Michigan	— —	— —	— —	217 (1.7)	212 (1.9)	221 (1.8)	225 (1.3)	191 (3.9)	193 (4.8)	(2) (2)	(2) (2)
Minnesota[3]	218 (1.4)	214 (1.5)	223 (1.9)	222 (1.5)	218 (1.9)	226 (1.5)	226 (1.5)	190 (4.7)	203 (5.6)	216 (10.1)	(2) (2)
Mississippi	202 (1.6)	196 (1.6)	207 (1.9)	204 (1.5)	201 (1.8)	208 (1.5)	217 (1.8)	192 (1.9)	183 (3.4)	(2) (2)	(2) (2)
Missouri	217 (1.5)	213 (1.9)	221 (1.8)	216 (1.7)	211 (2.0)	222 (1.6)	223 (1.4)	190 (3.6)	196 (4.5)	(2) (2)	(2) (2)
Montana[3]	222 (1.4)	218 (1.6)	227 (1.7)	226 (1.7)	221 (2.0)	231 (2.7)	230 (1.6)	(2) (2)	207 (6.2)	(2) (2)	209 (3.9)
Nebraska[4]	220 (1.5)	216 (1.5)	224 (1.9)	— —	— —	— —	— —	— —	— —	— —	— —
Nevada	— —	— —	— —	208 (1.4)	204 (1.6)	211 (1.9)	215 (1.4)	189 (3.1)	195 (2.0)	216 (3.6)	199 (5.8)
New Hampshire[3]	223 (1.5)	218 (1.6)	229 (1.8)	226 (1.3)	222 (1.8)	229 (1.5)	227 (1.3)	(2) (2)	201 (5.2)	(2) (2)	(2) (2)
New Jersey	219 (1.2)	216 (1.5)	222 (1.3)	— —	— —	— —	— —	— —	— —	— —	— —
New Mexico	205 (1.7)	201 (2.1)	208 (1.8)	206 (2.0)	202 (2.0)	209 (2.6)	222 (1.8)	183 (7.1)	199 (1.7)	(2) (2)	181 (8.6)
New York[3]	212 (1.4)	207 (1.8)	216 (1.6)	216 (1.6)	214 (1.7)	218 (2.0)	227 (1.2)	193 (2.8)	194 (2.8)	234 (5.2)	(2) (2)
North Carolina	214 (1.5)	209 (1.7)	220 (1.8)	217 (1.3)	213 (1.7)	220 (1.7)	227 (1.4)	200 (2.0)	196 (3.2)	(2) (2)	(2) (2)
North Dakota	225 (1.2)	221 (1.5)	230 (1.5)	— —	— —	— —	— —	— —	— —	— —	— —
Oklahoma	— —	— —	— —	220 (1.1)	219 (1.2)	220 (1.5)	225 (1.1)	192 (5.0)	207 (2.5)	(2) (2)	214 (2.4)
Oregon	— —	— —	— —	214 (1.6)	210 (1.8)	218 (1.9)	220 (1.6)	202 (5.2)	191 (3.4)	215 (5.3)	197 (4.1)
Pennsylvania[4]	215 (1.6)	211 (1.8)	220 (1.9)	— —	— —	— —	— —	— —	— —	— —	— —
Rhode Island[4]	220 (1.3)	215 (1.5)	225 (1.5)	218 (1.7)	217 (2.3)	220 (2.3)	227 (1.4)	197 (3.6)	185 (5.1)	211 (6.4)	(2) (2)
South Carolina	203 (1.4)	199 (1.7)	208 (1.6)	210 (1.3)	207 (1.5)	214 (1.6)	223 (1.5)	197 (1.7)	189 (3.9)	(2) (2)	(2) (2)
Tennessee[4]	213 (1.7)	208 (2.1)	217 (1.9)	212 (1.5)	209 (1.7)	216 (1.8)	220 (1.6)	193 (2.4)	193 (6.1)	(2) (2)	(2) (2)
Texas	212 (1.9)	210 (2.0)	214 (2.1)	217 (2.1)	213 (2.3)	221 (2.1)	232 (1.9)	197 (3.5)	204 (2.7)	(2) (2)	(2) (2)
Utah	217 (1.3)	213 (1.7)	222 (1.3)	215 (1.3)	212 (1.8)	219 (1.5)	222 (1.2)	(2) (2)	189 (3.0)	208 (6.5)	190 (7.2)
Virginia	213 (1.5)	208 (1.8)	219 (1.5)	218 (1.3)	214 (1.8)	223 (1.4)	226 (1.5)	203 (1.8)	198 (4.2)	230 (4.3)	(2) (2)
Washington	213 (1.5)	209 (1.8)	217 (1.7)	217 (1.3)	212 (1.5)	222 (1.6)	221 (1.4)	198 (4.4)	195 (3.4)	220 (3.2)	208 (4.5)
West Virginia	213 (1.1)	208 (1.4)	218 (1.4)	216 (1.5)	213 (1.8)	219 (1.8)	219 (1.4)	192 (3.0)	196 (5.1)	(2) (2)	(2) (2)
Wisconsin[3,4]	224 (1.1)	221 (1.2)	227 (1.5)	224 (1.2)	222 (1.8)	226 (1.3)	230 (1.1)	193 (2.5)	208 (2.7)	(2) (2)	(2) (2)
Wyoming	221 (1.2)	218 (1.3)	224 (1.6)	219 (1.6)	216 (2.0)	223 (1.8)	222 (1.9)	(2) (2)	207 (3.2)	(2) (2)	205 (6.9)
Department of Defense overseas schools	218 (0.9)	213 (1.3)	223 (1.0)	223 (1.1)	219 (1.4)	228 (1.3)	229 (1.5)	212 (3.6)	216 (4.2)	227 (2.8)	219 (3.9)
Guam	181 (1.2)	172 (1.4)	190 (1.7)	— —	— —	— —	— —	— —	— —	— —	— —
Virgin Islands	— —	— —	— —	178 (1.9)	169 (5.0)	186 (2.1)	(2)(2)	181 (2.0)	168 (4.1)	(2) (2)	(2) (2)

—Not available.

[1] As measured by the National Assessment of Educational Progress (NAEP). Forty-one states and Guam participated in the test in 1994, and forty-four jurisdictions (state, territory, Dept. of Defense overseas schools) participated in 1998. Due to sample size and school participation guidelines, some states are not shown.

[2] Sample size is insufficient to permit a reliable estimate.

[3] Did not satisfy one or more of the guidelines for school sample participation rates in 1998. Data are subject to appreciable nonresponse bias.

[4] Did not satisfy one or more of the guidelines for school sample participation rates in 1994. Data are subject to appreciable nonresponse bias.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. A score of 300 implies an ability to find, understand, summarize, and explain relatively complicated literary and informational material. A score of 250 implies an ability to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. A score of 200 implies an ability to understand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. A score of 150 implies an ability to follow brief written directions and carry out simple, discrete reading tasks. Scale ranges from 0 to 500. Excludes states not participating in the survey. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1998 Reading Report Card for the Nation and the States*, prepared by Educational Testing Service. (This table was prepared June 2000.)

Table 117.—Average proficiency in reading for 8th-graders in public schools, by selected characteristics, and state: 1998

State	Average	Location			Parental education[1]			
		Central city	Urban fringe/large town	Rural/small town	Did not finish high school	Graduated high school	Some education after high school	Graduated college
1	2	3	4	5	6	7	8	9
United States[2]	**261 (0.8)**	**254 (1.7)**	**266 (1.4)**	**263 (1.5)**	**242 (1.9)**	**253 (1.3)**	**268 (1.4)**	**272 (1.0)**
Alabama	255 (1.4)	254 (3.4)	260 (2.3)	254 (1.9)	252 (2.9)	246 (1.6)	262 (2.0)	264 (2.0)
Arizona	261 (1.2)	261 (1.7)	267 (2.3)	250 (2.5)	243 (2.3)	253 (2.5)	267 (1.5)	272 (1.4)
Arkansas	256 (1.3)	253 (3.1)	262 (2.9)	255 (1.6)	243 (3.1)	249 (1.9)	265 (2.4)	264 (1.7)
California[3]	253 (1.7)	249 (2.5)	255 (2.3)	(4)(4)	238 (3.1)	244 (2.2)	264 (2.3)	266 (1.8)
Colorado	264 (1.1)	258 (2.6)	268 (1.2)	264 (2.1)	240 (4.7)	251 (2.1)	266 (1.8)	274 (1.2)
Connecticut	272 (1.1)	252 (2.9)	275 (1.4)	280 (1.7)	251 (3.0)	256 (1.7)	274 (1.5)	282 (1.0)
Delaware	256 (1.3)	254 (2.7)	256 (2.3)	258 (2.5)	234 (8.2)	251 (2.5)	257 (2.4)	266 (1.7)
District of Columbia	236 (2.0)	236 (2.0)	(4) (4)	(4) (4)	235 (5.1)	227 (3.9)	242 (3.1)	248 (3.3)
Florida	253 (1.7)	252 (2.5)	256 (2.0)	247 (7.4)	245 (3.1)	244 (2.5)	262 (1.8)	261 (2.0)
Georgia	257 (1.4)	245 (3.1)	263 (1.8)	254 (2.5)	242 (2.9)	247 (2.2)	264 (1.7)	267 (1.9)
Hawaii	250 (1.3)	253 (2.6)	250 (1.5)	247 (2.0)	230 (5.1)	241 (2.3)	258 (2.1)	259 (1.5)
Kansas[3]	268 (1.2)	260 (3.7)	273 (1.9)	269 (1.6)	249 (6.3)	261 (2.1)	269 (1.9)	276 (1.8)
Kentucky	262 (1.3)	261 (4.7)	266 (2.4)	261 (1.3)	246 (3.1)	256 (1.6)	268 (1.9)	274 (2.0)
Louisiana	252 (1.5)	247 (3.3)	253 (2.8)	255 (1.7)	247 (4.1)	245 (1.4)	261 (1.5)	258 (2.2)
Maine	273 (1.2)	279 (3.0)	272 (3.8)	272 (1.3)	262 (4.8)	260 (2.1)	275 (2.0)	282 (1.4)
Maryland[3]	262 (1.8)	246 (4.3)	264 (2.3)	268 (2.3)	253 (3.5)	250 (2.0)	262 (2.3)	272 (2.2)
Massachusetts	269 (1.6)	254 (3.3)	275 (2.4)	274 (2.4)	242 (4.3)	256 (2.1)	273 (2.4)	278 (1.7)
Minnesota[3]	267 (1.3)	249 (5.2)	273 (1.4)	266 (2.3)	244 (4.9)	256 (2.2)	273 (1.9)	276 (1.4)
Mississippi	251 (1.4)	243 (4.8)	255 (2.1)	250 (1.8)	239 (2.5)	243 (2.5)	257 (2.8)	259 (1.6)
Missouri	263 (1.3)	257 (4.0)	263 (2.0)	266 (1.4)	247 (3.3)	257 (1.7)	268 (1.7)	271 (1.6)
Montana[3]	270 (1.1)	263 (2.8)	266 (3.4)	273 (1.4)	253 (5.3)	258 (2.7)	273 (2.3)	277 (1.4)
Nevada	257 (1.1)	254 (1.7)	258 (2.5)	262 (2.1)	241 (3.5)	248 (1.8)	265 (1.9)	269 (1.5)
New Mexico	258 (1.2)	260 (2.7)	261 (1.6)	253 (1.7)	240 (3.0)	251 (1.7)	263 (2.6)	268 (1.4)
New York[3]	266 (1.6)	254 (2.7)	278 (2.4)	271 (2.2)	252 (3.3)	256 (2.2)	270 (2.0)	277 (1.8)
North Carolina	264 (1.1)	267 (2.0)	263 (2.6)	261 (1.5)	246 (3.6)	250 (1.9)	268 (1.6)	273 (1.4)
Oklahoma	265 (1.3)	265 (2.0)	268 (2.1)	264 (1.7)	256 (3.4)	255 (1.8)	270 (2.2)	274 (1.4)
Oregon	266 (1.5)	264 (4.0)	269 (2.2)	263 (1.6)	241 (3.5)	259 (2.4)	266 (1.6)	276 (1.8)
Rhode Island	262 (1.0)	252 (2.7)	265 (1.8)	271 (3.0)	241 (4.7)	253 (3.0)	265 (2.4)	273 (1.5)
South Carolina	255 (1.3)	257 (2.2)	260 (1.9)	249 (2.2)	245 (2.9)	243 (1.6)	264 (2.0)	264 (1.6)
Tennessee	259 (1.3)	253 (2.2)	264 (2.4)	261 (1.8)	246 (3.7)	250 (1.5)	265 (1.7)	269 (1.8)
Texas	262 (1.5)	259 (2.5)	266 (2.2)	263 (3.5)	247 (2.4)	256 (1.7)	269 (1.9)	272 (1.7)
Utah	265 (1.1)	264 (1.8)	266 (1.3)	261 (3.1)	247 (5.1)	251 (2.3)	265 (2.0)	273 (0.9)
Virginia	266 (1.1)	260 (1.9)	274 (1.7)	263 (2.2)	248 (3.4)	254 (1.5)	269 (2.2)	277 (1.3)
Washington	265 (1.3)	264 (2.2)	266 (2.2)	263 (2.1)	243 (3.7)	258 (2.2)	268 (1.7)	274 (1.7)
West Virginia	262 (1.2)	265 (3.7)	264 (3.2)	260 (1.4)	248 (2.7)	254 (1.9)	265 (1.9)	272 (1.6)
Wisconsin[3]	266 (1.6)	256 (3.1)	273 (2.5)	269 (1.9)	240 (4.4)	260 (2.4)	269 (2.1)	276 (1.9)
Wyoming	262 (1.3)	263 (3.0)	(4) (4)	262 (1.3)	256 (4.3)	256 (2.5)	266 (2.2)	267 (1.9)
Department of Defense overseas schools	269 (1.0)	(4) (4)	(4) (4)	(4) (4)	(4) (4)	258 (3.5)	272 (2.1)	275 (1.5)
Virgin Islands	233 (2.9)	(4) (4)	(4) (4)	233 (2.9)	237 (4.7)	234 (4.9)	242 (7.6)	232 (4.3)

[1] Parents' highest level of education. Data not shown for students who did not know parents' level of education.

[2] As measured by the National Assessment of Educational Progress (NAEP). Forty-four jurisdictions (state, territory, Department of Defense overseas schools) participated in 1998. Due to sample size and school participation guidelines, some states are not shown.

[3] Did not satisfy one or more of the guidelines for school sample participation rates. Data are subject to appreciable nonresponse bias.

[4] Sample size is insufficient to permit a reliable estimate.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. A score of 300 implies an ability to find, understand, summarize, and explain relatively complicated literary and informational material. A score of 250 implies an ability to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. A score of 200 implies an ability to understand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. A score of 150 implies an ability to follow brief written directions and carry out simple, discrete reading tasks. Scale ranges from 0 to 500. Excludes states not participating in the survey. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1998 Reading Report Card for the Nation and the States*, prepared by Educational Testing Service. (This table was prepared July 2000.)

Table 118.—Percentage distribution of 4th-graders, by time spent on homework and television viewing each day: 1992 to 2000

Selected characteristics of students	Time spent on homework each day					Amount of television watched each day						
	Don't have	Don't do	Half hour or less	One hour	More than one hour	None	One hour or less	Two hours	Three hours	Four hours	Five hours	Six or more hours
1	2	3	4	5	6	7	8	9	10	11	12	13
	1992											
All students	**16 (1.6)**	**2 (0.2)**	**39 (1.2)**	**28 (0.9)**	**15 (0.6)**	**2 (0.2)**	**17 (0.8)**	**21 (0.7)**	**19 (0.6)**	**13 (0.6)**	**9 (0.4)**	**20 (0.7)**
Male	18 (1.8)	3 (0.4)	39 (1.4)	26 (1.0)	14 (0.8)	2 (0.3)	16 (0.8)	20 (0.9)	18 (0.9)	13 (0.7)	9 (0.7)	21 (0.9)
Female	14 (1.5)	1 (0.3)	39 (1.4)	30 (1.1)	16 (0.8)	2 (0.3)	18 (1.2)	22 (0.9)	19 (0.9)	13 (0.8)	8 (0.6)	18 (0.9)
Race/ethnicity												
White	18 (1.9)	2 (0.3)	38 (1.5)	29 (1.2)	13 (0.6)	2 (0.3)	18 (0.9)	23 (1.0)	21 (0.8)	14 (0.7)	9 (0.6)	13 (0.8)
Black	10 (1.6)	3 (0.6)	45 (2.3)	24 (1.5)	18 (1.4)	2 (0.5)	11 (1.5)	11 (1.0)	12 (1.0)	10 (1.1)	9 (1.2)	44 (1.9)
Hispanic	11 (1.7)	4 (0.5)	39 (2.2)	28 (1.7)	18 (1.9)	2 (0.5)	15 (1.2)	20 (1.6)	14 (1.3)	13 (1.2)	9 (1.0)	27 (1.6)
Asian/Pacific Islander	10 (4.5)	1 —	39 (3.4)	28 (4.3)	22 (3.4)	3 (1.3)	26 (3.7)	17 (2.7)	15 (2.8)	11 (1.9)	7 (1.6)	21 (3.2)
American Indian	17 (5.0)	4 (2.4)	31 (5.7)	18 (4.2)	30 (5.7)	1 —	18 (3.8)	13 (3.3)	16 (3.7)	17 (3.3)	11 (3.3)	23 (4.4)
Control of school												
Public	17 (1.7)	2 (0.3)	40 (1.3)	26 (0.9)	14 (0.6)	2 (0.2)	16 (0.8)	21 (0.9)	19 (0.7)	13 (0.7)	9 (0.5)	21 (0.8)
Private	7 (1.8)	1 (0.2)	34 (2.4)	38 (2.2)	21 (1.9)	2 (0.6)	21 (2.3)	24 (1.5)	18 (1.4)	14 (1.1)	9 (1.0)	12 (1.4)
	1994											
All students	**13 (0.9)**	**3 (0.3)**	**39 (1.0)**	**30 (0.7)**	**15 (0.6)**	**2 (0.2)**	**17 (0.6)**	**21 (0.6)**	**17 (0.5)**	**13 (0.6)**	**9 (0.4)**	**21 (0.7)**
Male	14 (1.0)	5 (0.5)	39 (1.1)	28 (1.0)	15 (0.7)	2 (0.3)	15 (0.8)	19 (0.8)	16 (0.6)	13 (0.7)	10 (0.6)	25 (0.9)
Female	12 (1.1)	2 (0.2)	40 (1.2)	32 (1.0)	15 (0.8)	2 (0.3)	20 (0.9)	23 (0.8)	17 (0.9)	13 (0.8)	8 (0.6)	17 (0.9)
	1998											
All students	**8 (0.8)**	**2 (0.2)**	**43 (1.0)**	**31 (0.8)**	**16 (0.6)**	**3 (0.5)**	**21 (0.6)**	**22 (0.7)**	**19 (0.6)**	**11 (0.5)**	**8 (0.4)**	**16 (0.6)**
Male	9 (1.0)	3 (0.3)	41 (1.1)	30 (1.0)	16 (0.8)	3 (0.5)	18 (0.9)	22 (0.9)	18 (1.0)	12 (0.7)	8 (0.6)	18 (1.0)
Female	7 (0.7)	1 (0.2)	44 (1.2)	32 (1.0)	16 (0.7)	3 (0.5)	24 (0.8)	22 (0.8)	19 (0.7)	10 (0.6)	7 (0.5)	14 (0.7)
Race/ethnicity												
White	9 (1.0)	2 (0.2)	43 (1.2)	32 (1.1)	15 (0.7)	3 (0.7)	23 (0.9)	24 (0.8)	20 (0.8)	12 (0.7)	7 (0.6)	11 (0.8)
Black	6 (0.9)	3 (0.5)	45 (1.9)	27 (1.5)	19 (1.5)	2 (0.5)	14 (1.2)	14 (1.1)	14 (1.2)	11 (0.8)	12 (0.9)	34 (1.5)
Hispanic	7 (1.1)	3 (0.5)	42 (1.9)	30 (1.5)	18 (1.2)	3 (0.5)	21 (1.2)	19 (1.0)	18 (1.2)	11 (0.9)	8 (0.8)	19 (1.0)
Asian/Pacific Islander	4 (1.7)	1 —	39 (3.1)	36 (2.6)	20 (2.3)	4 (1.1)	26 (2.8)	20 (3.0)	16 (2.5)	10 (2.8)	9 (1.9)	14 (2.4)
American Indian	8 (2.2)	7 (2.0)	40 (4.9)	27 (2.8)	19 (3.6)	1 —	19 (3.6)	19 (2.3)	15 (2.6)	8 (2.1)	12 (3.1)	27 (3.4)
	2000											
All students	**10 (0.9)**	**2 (0.2)**	**43 (0.9)**	**29 (0.6)**	**16 (0.7)**	**2 (0.2)**	**23 (0.7)**	**23 (0.6)**	**17 (0.4)**	**11 (0.5)**	**6 (0.4)**	**18 (0.6)**
Male	11 (0.9)	3 (0.3)	43 (1.2)	27 (0.8)	16 (0.9)	2 (0.3)	20 (1.1)	21 (0.8)	18 (0.7)	11 (0.6)	7 (0.5)	22 (0.9)
Female	9 (1.0)	1 (0.2)	43 (1.1)	31 (0.9)	16 (0.7)	2 (0.3)	26 (0.9)	24 (0.8)	17 (0.7)	10 (0.6)	6 (0.4)	15 (0.7)
Race/ethnicity												
White	11 (1.1)	1 (0.2)	43 (1.2)	30 (0.8)	15 (0.9)	2 (0.3)	25 (0.9)	25 (0.9)	19 (0.8)	11 (0.6)	6 (0.5)	13 (0.7)
Black	8 (0.9)	4 (0.8)	45 (1.8)	26 (1.3)	17 (1.0)	1 (0.2)	14 (0.9)	13 (1.0)	13 (0.9)	10 (0.9)	8 (0.8)	42 (1.5)
Hispanic	7 (1.0)	3 (0.5)	43 (1.4)	29 (1.3)	18 (1.3)	2 (0.4)	22 (1.2)	21 (1.2)	16 (1.1)	10 (1.0)	7 (0.6)	22 (1.5)
Asian/Pacific Islander	1 (0.7)	1 (0.7)	42 (3.2)	35 (3.2)	21 (3.4)	6 (1.4)	29 (2.7)	28 (3.1)	15 (2.8)	8 (1.6)	7 (1.7)	8 (1.8)
American Indian	15 (4.7)	7 (2.2)	42 (5.4)	24 (4.5)	13 (2.6)	1 —	20 (3.6)	18 (2.2)	21 (3.8)	11 (3.4)	7 (2.2)	23 (3.4)
Control of school												
Public	10 (1.0)	2 (0.2)	44 (1.0)	29 (0.7)	15 (0.7)	2 (0.2)	22 (0.8)	22 (0.7)	17 (0.5)	11 (0.5)	6 (0.4)	19 (0.7)
Private	8 (1.6)	1 (0.4)	37 (1.6)	34 (1.5)	20 (1.7)	5 (1.0)	25 (1.4)	24 (0.9)	19 (0.8)	10 (0.9)	6 (0.7)	11 (1.3)
Type of location												
Central city	8 (1.0)	3 (0.4)	41 (1.4)	30 (1.1)	18 (1.2)	2 (0.4)	21 (0.9)	21 (1.1)	16 (0.6)	10 (0.8)	7 (0.6)	24 (1.3)
Urban fringe/large town	8 (1.3)	2 (0.3)	44 (1.3)	30 (1.2)	16 (1.1)	3 (0.3)	24 (1.3)	24 (1.0)	18 (0.8)	10 (0.7)	6 (0.6)	15 (1.0)
Rural/small town	15 (2.3)	2 (0.5)	44 (2.0)	27 (1.4)	12 (1.2)	2 (0.4)	22 (1.8)	23 (1.4)	19 (1.0)	13 (1.1)	6 (0.7)	16 (1.5)

—Not available.

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, Main NAEP, National Reading Results, unpublished data, NAEP Data Tool (http://nces.ed.gov/naep3/NAEP data). (This table was prepared November 2001.)

Table 119.—Average writing performance of 4th-, 8th-, and 11th-graders, by selected characteristics of students: 1984 to 1996

Selected characteristics of students	1984	1988	1990	1992	1994	1996
1	2	3	4	5	6	7
			4th-graders			
Total	**204 (1.5)**	**206 (1.6)**	**202 (1.5)**	**207 (1.5)**	**205 (1.6)**	**207 (1.2)**
Male	201 (2.8)	199 (2.3)	195 (1.9)	198 (1.7)	196 (1.7)	200 (1.8)
Female	208 (3.1)	213 (2.0)	209 (2.2)	216 (1.7)	214 (2.2)	214 (1.9)
Race/ethnicity						
White	211 (1.9)	215 (1.9)	211 (2.0)	217 (1.7)	214 (1.5)	216 (1.6)
Black	182 (5.0)	173 (4.7)	171 (5.4)	175 (3.8)	173 (3.2)	182 (2.3)
Hispanic	189 (5.8)	190 (3.5)	184 (4.1)	189 (3.6)	189 (3.1)	191 (3.2)
Parental education						
Not high school graduate	179 (4.6)	194 (5.4)	186 (3.9)	191 (3.2)	188 (7.8)	190 (5.5)
Graduated high school	192 (3.4)	199 (3.0)	197 (3.0)	202 (3.2)	202 (2.3)	203 (2.3)
Post high school	208 (6.5)	211 (6.3)	214 (4.0)	201 (4.5)	212 (4.0)	205 (5.2)
Graduated college	218 (3.0)	212 (2.2)	209 (1.6)	214 (1.4)	212 (2.1)	214 (1.7)
Control of school						
Public	202 (1.8)	204 (2.0)	200 (1.4)	205 (1.6)	204 (1.8)	206 (1.5)
Private	215 (4.6)	216 (4.1)	216 (5.7)	222 (3.3)	213 (4.3)	218 (3.2)
Region						
Northeast	212 (4.0)	204 (4.9)	211 (3.6)	216 (4.0)	210 (4.0)	213 (2.8)
Southeast	204 (3.3)	200 (2.3)	192 (4.0)	193 (2.4)	198 (3.4)	200 (3.4)
Central	201 (2.6)	212 (3.0)	203 (3.1)	214 (3.1)	209 (3.3)	212 (3.1)
West	201 (4.9)	207 (3.4)	201 (2.7)	206 (2.2)	203 (2.7)	205 (2.5)
			8th-graders			
Total	**267 (2.0)**	**264 (1.3)**	**257 (1.2)**	**274 (1.3)**	**265 (1.3)**	**264 (1.0)**
Male	258 (2.3)	254 (1.5)	246 (1.5)	264 (1.9)	254 (1.8)	251 (1.1)
Female	276 (2.4)	274 (1.7)	268 (1.3)	285 (1.3)	278 (1.4)	276 (1.2)
Race/ethnicity						
White	272 (2.1)	269 (1.3)	262 (1.6)	279 (1.3)	272 (1.4)	271 (1.0)
Black	247 (5.7)	246 (3.5)	239 (2.3)	258 (4.0)	245 (3.4)	242 (2.6)
Hispanic	247 (6.4)	250 (2.5)	246 (2.8)	265 (2.2)	252 (3.3)	246 (2.3)
Parental education						
Not high school graduate	258 (4.8)	254 (3.9)	246 (3.7)	258 (5.3)	250 (4.1)	245 (4.5)
Graduated high school	261 (1.6)	258 (2.1)	253 (1.4)	268 (1.6)	259 (2.2)	258 (1.9)
Post high school	271 (3.9)	275 (3.3)	267 (3.0)	280 (2.2)	270 (3.1)	270 (2.4)
Graduated college	278 (1.8)	271 (1.8)	265 (1.8)	284 (1.9)	275 (1.3)	274 (1.3)
Control of school						
Public	264 (2.0)	262 (1.5)	254 (1.2)	272 (1.3)	264 (1.6)	263 (1.2)
Private	282 (5.5)	276 (3.0)	277 (4.4)	288 (3.2)	279 (3.8)	272 (3.3)
Region						
Northeast	273 (3.6)	265 (2.7)	261 (3.3)	285 (3.3)	277 (2.2)	264 (2.4)
Southeast	267 (3.6)	268 (2.3)	252 (2.8)	266 (2.2)	259 (2.1)	260 (3.5)
Central	264 (2.3)	258 (2.2)	259 (3.9)	277 (2.0)	270 (4.1)	268 (2.3)
West	264 (3.0)	264 (2.1)	255 (2.6)	271 (2.3)	259 (1.6)	263 (1.3)
			11th-graders			
Total	**290 (1.6)**	**291 (1.3)**	**287 (1.0)**	**287 (1.4)**	**285 (1.2)**	**283 (1.2)**
Male	281 (1.4)	282 (2.0)	276 (1.6)	279 (1.2)	276 (1.5)	275 (1.4)
Female	299 (2.5)	299 (1.2)	298 (1.5)	296 (2.0)	293 (1.5)	292 (1.4)
Race/ethnicity						
White	297 (1.8)	296 (1.3)	293 (1.2)	294 (1.2)	291 (1.4)	289 (1.5)
Black	270 (3.6)	275 (2.9)	268 (2.3)	263 (3.2)	267 (2.2)	267 (3.0)
Hispanic	259 (6.6)	274 (4.4)	277 (2.6)	274 (3.8)	271 (4.0)	269 (2.5)
Parental education						
Not high school graduate	274 (5.2)	276 (3.5)	268 (4.0)	271 (3.7)	269 (4.7)	260 (3.0)
Graduated high school	284 (3.0)	285 (2.2)	278 (1.9)	278 (2.2)	279 (1.7)	275 (1.6)
Post high school	298 (2.5)	296 (2.6)	292 (2.7)	292 (2.0)	286 (1.7)	287 (2.1)
Graduated college	300 (2.4)	299 (2.0)	298 (2.0)	296 (1.4)	293 (1.5)	291 (1.9)
Control of school						
Public	288 (1.6)	290 (1.2)	286 (1.1)	287 (1.6)	284 (1.4)	283 (1.4)
Private	305 (3.7)	300 (3.6)	306 (5.2)	295 (4.4)	291 (3.8)	287 (6.6)
Region						
Northeast	291 (3.0)	295 (2.8)	295 (2.5)	290 (2.3)	291 (2.4)	290 (2.2)
Southeast	287 (4.9)	289 (2.2)	280 (2.3)	278 (3.3)	277 (2.5)	273 (2.2)
Central	291 (2.7)	292 (4.0)	289 (2.7)	291 (2.2)	284 (2.3)	285 (2.5)
West	289 (3.7)	289 (2.3)	285 (2.1)	289 (2.1)	287 (2.7)	284 (2.2)

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). The writing scale score ranges from 0 to 500 and is defined as the average of a respondent's estimated scores on specific writing tasks. The average response method is used to estimate average writing achievement for each participant as if each had performed all 11 writing tasks. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Trends in Academic Progress*, by Educational Testing Service. (This table was prepared September 1997.)

Table 120.—Student values and attitudes toward writing, by grade level: 1984 to 1994

Statements about writing	Percent of students reporting the statement is true more than half the time, by grade level											
	Grade 4				Grade 8				Grade 11			
	1984	1990	1992	1994	1984	1990	1992	1994	1984	1990	1992	1994
1	2	3	4	5	6	7	8	9	10	11	12	13
Writing helps me think more clearly	— —	— —	— —	— —	44 (2.0)	46 (1.2)	42 (1.6)	42 (1.1)	52 (2.5)	47 (1.4)	50 (1.5)	54 (1.2)
Writing helps me tell others what I think	— —	— —	— —	— —	52 (2.1)	56 (1.3)	52 (1.8)	54 (1.3)	55 (1.9)	58 (1.2)	57 (1.2)	58 (1.4)
Writing helps tell others how I feel	— —	— —	— —	— —	50 (2.0)	56 (1.7)	52 (1.8)	52 (1.5)	55 (2.3)	60 (1.3)	60 (1.2)	60 (1.4)
Writing helps me understand my own feelings	— —	— —	— —	— —	40 (2.2)	47 (1.6)	44 (1.4)	45 (1.4)	47 (2.1)	50 (1.3)	49 (1.4)	54 (1.7)
People who write well have a better chance of getting good jobs	— —	— —	— —	— —	47 (2.0)	53 (1.3)	51 (1.5)	51 (1.6)	54 (2.1)	58 (1.5)	59 (1.3)	58 (1.6)
People who write well are more influential	— —	— —	— —	— —	49 (1.9)	55 (1.3)	52 (1.6)	51 (1.5)	54 (2.4)	60 (1.2)	60 (1.5)	57 (1.5)
I like to write	56 (2.3)	57 (1.7)	54 (1.4)	56 (2.0)	39 (2.5)	42 (1.3)	43 (1.8)	42 (1.5)	40 (2.5)	39 (1.3)	43 (1.7)	42 (1.8)
I am a good writer	60 (2.1)	62 (1.4)	63 (1.3)	64 (1.4)	42 (1.8)	44 (1.3)	44 (1.5)	49 (1.9)	39 (1.9)	44 (1.3)	49 (1.7)	46 (1.8)
People like what I write	53 (2.1)	56 (1.8)	55 (1.4)	58 (1.6)	38 (2.4)	39 (1.6)	44 (1.7)	44 (1.8)	36 (2.6)	42 (1.3)	46 (1.5)	44 (2.2)
I write on my own outside of school	48 (1.9)	42 (1.5)	46 (1.2)	45 (1.8)	36 (2.5)	35 (1.4)	37 (1.6)	36 (1.7)	31 (2.7)	28 (1.0)	33 (1.3)	32 (1.9)
I don't like to write things that will be graded	38 (2.0)	33 (1.5)	32 (1.2)	33 (1.2)	31 (2.2)	36 (1.2)	37 (1.8)	38 (1.4)	27 (1.9)	30 (1.4)	30 (1.2)	33 (1.3)
If I didn't have to write for school, I wouldn't write anything	33 (1.7)	27 (1.2)	28 (1.2)	27 (1.3)	17 (2.2)	19 (1.1)	18 (1.1)	21 (1.2)	15 (1.4)	16 (1.0)	17 (1.2)	17 (1.1)

—Not available.

NOTE: Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Trends in Academic Progress, *NAEP 1992 Trends in Academic Progress*, and *NAEP 1994 Trends in Academic Progress*, by Educational Testing Service. (This table was prepared May 1999.)

Table 121.—Percent of students at or above selected history proficiency levels, by selected characteristics and grade level: 1994

Selected characteristics of students	Percentage of 4th-graders				Percentage of 8th-graders				Percentage of 12th-graders			
	Below basic	At or above basic	At or above proficient	At or above advanced	Below basic	At or above basic	At or above proficient	At or above advanced	Below basic	At or above basic	At or above proficient	At or above advanced
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	**36 (1.1)**	**64 (1.1)**	**17 (1.0)**	**2 (0.3)**	**39 (0.9)**	**61 (0.9)**	**14 (0.6)**	**1 (0.1)**	**57 (1.1)**	**43 (1.1)**	**11 (0.7)**	**1 (0.2)**
Sex												
Male	38 (1.6)	62 (1.6)	18 (1.4)	2 (0.4)	39 (1.0)	61 (1.0)	15 (0.8)	1 (0.3)	55 (1.2)	45 (1.2)	12 (0.7)	1 (0.3)
Female	35 (1.4)	65 (1.4)	16 (1.1)	2 (0.4)	39 (1.3)	61 (1.3)	13 (0.8)	1 (0.1)	60 (1.4)	40 (1.4)	9 (0.8)	1 (0.2)
Race/ethnicity												
White	26 (1.1)	74 (1.1)	22 (1.4)	3 (0.5)	29 (1.1)	71 (1.1)	17 (0.8)	1 (0.2)	50 (1.2)	50 (1.2)	13 (0.8)	1 (0.2)
Black	64 (1.8)	36 (1.8)	4 (1.0)	0 (0.1)	67 (2.3)	33 (2.3)	4 (0.6)	0 (0.1)	83 (1.6)	17 (1.6)	2 (0.8)	0 (0.1)
Hispanic	59 (3.6)	41 (3.6)	6 (1.2)	1 (0.4)	59 (2.3)	41 (2.3)	5 (0.7)	0 (0.1)	78 (2.1)	22 (2.1)	4 (0.7)	0 (0.3)
Asian	36 (4.7)	64 (4.7)	22 (5.1)	4 (2.6)	28 (5.1)	72 (5.1)	23 (4.2)	2 (1.2)	54 (5.4)	46 (5.4)	16 (4.6)	2 (1.1)
Pacific Islander	41 (7.1)	59 (7.1)	16 (4.7)	3 (2.9)	48 (8.7)	52 (8.7)	11 (4.4)	1 (0.8)	67 (6.4)	33 (6.4)	7 (3.8)	1 (0.6)
American Indian/ Alaskan Native	49 (6.9)	51 (6.9)	9 (2.7)	0 (1.1)	58 (5.8)	42 (5.8)	5 (2.6)	0 (0.0)	70 (7.6)	30 (7.6)	5 (2.3)	0 (0.0)
Region												
Northeast	37 (2.4)	63 (2.4)	18 (2.1)	3 (0.7)	31 (2.0)	69 (2.0)	19 (1.7)	1 (0.3)	54 (2.4)	46 (2.4)	13 (1.5)	1 (0.4)
Southeast	39 (2.3)	61 (2.3)	15 (1.5)	2 (0.5)	49 (1.9)	51 (1.9)	9 (0.8)	0 (0.2)	63 (1.9)	37 (1.9)	8 (1.4)	0 (0.3)
Central	29 (2.8)	71 (2.8)	20 (2.6)	3 (1.0)	31 (2.3)	69 (2.3)	17 (1.2)	1 (0.4)	55 (2.0)	45 (2.0)	11 (1.2)	1 (0.5)
West	39 (2.5)	61 (2.5)	16 (1.8)	1 (0.8)	42 (1.3)	58 (1.3)	11 (1.2)	1 (0.2)	57 (2.3)	43 (2.3)	10 (1.2)	1 (0.2)
Parents' level of education												
Not high school graduate	63 (4.1)	37 (4.1)	2 (1.2)	0 (0.0)	63 (2.2)	37 (2.2)	3 (0.7)	0 (0.0)	85 (1.9)	15 (1.9)	1 (0.6)	0 (0.2)
Graduated high school	43 (2.7)	57 (2.7)	10 (1.3)	1 (0.4)	50 (1.4)	50 (1.4)	7 (0.9)	0 (0.1)	71 (1.5)	29 (1.5)	4 (0.8)	0 (0.1)
Some college	26 (2.8)	74 (2.8)	21 (2.6)	3 (1.0)	32 (1.3)	68 (1.3)	14 (1.1)	0 (0.2)	58 (1.9)	42 (1.9)	8 (1.1)	1 (0.3)
Graduated college	26 (1.2)	74 (1.2)	25 (1.7)	4 (0.6)	26 (1.2)	74 (1.2)	22 (1.1)	1 (0.3)	44 (1.3)	56 (1.3)	17 (1.0)	1 (0.4)

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1994 U.S. History Report Card*. (This table was prepared May 1999.)

Table 122.—Average student proficiency in geography and U.S. history, by selected characteristics and grade level: 1994

Selected characteristics of students	Percentage distribution of 12th-graders in geography	Geography scores			History scores		
		4th-graders	8th-graders	12th-graders	4th-graders	8th-graders	12th-graders
1	2	3	4	5	6	7	8
Total	**100 —**	**206 (1.2)**	**260 (0.7)**	**285 (0.7)**	**205 (1.0)**	**259 (0.6)**	**286 (0.8)**
Sex							
Male	50 (1.0)	208 (1.4)	262 (0.9)	288 (0.8)	203 (1.5)	259 (0.8)	288 (0.8)
Female	50 (1.0)	203 (1.4)	258 (0.8)	281 (0.9)	206 (1.1)	259 (0.7)	285 (0.9)
Race							
White	74 (0.3)	218 (1.5)	270 (0.8)	291 (0.8)	215 (1.2)	267 (0.8)	292 (0.8)
Black	12 (0.4)	168 (2.5)	229 (1.7)	258 (1.4)	177 (1.6)	239 (1.4)	265 (1.5)
Hispanic	8 (0.2)	183 (2.5)	239 (1.9)	268 (1.5)	180 (2.7)	243 (1.3)	267 (1.6)
Parents' level of education							
Not high school graduate	7 (0.4)	— —	238 (1.7)	263 (1.2)	— —	241 (1.3)	263 (1.4)
Graduated high school	22 (0.8)	— —	250 (1.2)	274 (1.1)	— —	251 (0.8)	276 (1.1)
Some college	25 (0.7)	— —	265 (1.0)	286 (1.0)	— —	264 (0.8)	287 (1.2)
Graduated college	44 (1.2)	— —	272 (1.0)	294 (0.9)	— —	270 (0.8)	296 (0.9)
Type of school							
Public	89 (1.0)	204 (1.4)	258 (0.8)	283 (0.8)	203 (1.2)	257 (0.7)	284 (0.8)
Private schools	11 (1.0)	221 (2.2)	276 (1.3)	294 (1.6)	222 (1.9)	278 (1.1)	299 (1.3)
Catholic schools	6 (0.9)	222 (2.6)	276 (1.6)	291 (3.0)	221 (2.5)	279 (1.5)	298 (2.2)
Other private	4 (0.6)	220 (3.8)	276 (2.6)	298 (2.0)	224 (3.1)	277 (2.1)	299 (2.2)
Region							
Northeast	21 (0.5)	203 (2.7)	266 (1.9)	284 (1.6)	204 (2.4)	266 (1.7)	289 (1.9)
Southeast	23 (0.8)	200 (2.5)	252 (1.6)	278 (1.1)	201 (1.9)	251 (1.3)	282 (1.4)
Central	28 (0.7)	215 (3.2)	268 (1.6)	289 (1.8)	212 (2.6)	266 (1.3)	288 (1.4)
West	29 (0.7)	205 (1.7)	255 (1.8)	286 (1.9)	202 (2.1)	256 (1.1)	286 (1.6)

—Not applicable.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). As with the NAEP reading scale, these scales range from 0 to 500. However, the distribution of scores varies by subject. Therefore, direct score comparisons among the subjects should be avoided. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Assessment of Educational Progress, 1994 U.S. History Report Card*, and *The Geography Report Card*, prepared by Educational Testing Service. (This table was prepared May 1999.)

Table 123.—Percent of students at or above selected geography proficiency levels, by selected characteristics and grade level: 1994

Selected characteristics of students	Percentage of 4th-graders				Percentage of 8th-graders				Percentage of 12th-graders			
	Below basic	At or above basic	At or above proficient	At advanced	Below basic	At or above basic	At or above proficient	At advanced	Below basic	At or above basic	At or above proficient	At advanced
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	**30 (1.1)**	**70 (1.1)**	**22 (1.2)**	**3 (0.4)**	**29 (1.0)**	**71 (1.0)**	**28 (1.0)**	**4 (0.4)**	**30 (0.9)**	**70 (0.9)**	**27 (1.2)**	**2 (0.5)**
Sex												
Male	29 (1.3)	71 (1.3)	26 (1.7)	4 (0.7)	28 (1.3)	72 (1.3)	30 (1.2)	5 (0.6)	27 (1.1)	73 (1.1)	32 (1.4)	2 (0.7)
Female	32 (1.4)	68 (1.4)	19 (1.3)	2 (0.5)	31 (1.1)	69 (1.1)	25 (1.1)	3 (0.4)	33 (1.2)	67 (1.2)	22 (1.4)	1 (0.4)
Race/ethnicity												
White	19 (1.3)	81 (1.3)	29 (1.6)	4 (0.6)	18 (0.9)	82 (0.9)	36 (1.3)	5 (0.5)	22 (0.9)	78 (0.9)	33 (1.5)	2 (0.6)
Black	66 (2.4)	34 (2.4)	3 (0.6)	0 (0.2)	66 (2.9)	34 (2.9)	5 (0.7)	0 (0.3)	68 (2.3)	32 (2.3)	5 (1.0)	0 (0.1)
Hispanic	51 (2.7)	49 (2.7)	10 (1.7)	1 (0.4)	50 (3.6)	50 (3.6)	10 (1.2)	1 (0.5)	52 (2.8)	48 (2.8)	10 (1.8)	0 (0.2)
Asian	21 (4.8)	79 (4.8)	32 (6.0)	5 (3.3)	21 (4.3)	79 (4.3)	40 (3.9)	8 (3.6)	31 (3.9)	69 (3.9)	32 (5.7)	3 (1.6)
Region												
Northeast	33 (2.7)	67 (2.7)	22 (2.5)	3 (0.8)	24 (2.2)	76 (2.2)	33 (2.0)	6 (1.0)	31 (2.3)	69 (2.3)	25 (2.1)	2 (0.6)
Southeast	36 (2.6)	64 (2.6)	17 (2.0)	2 (0.5)	38 (2.1)	62 (2.1)	21 (1.6)	3 (0.5)	40 (1.5)	60 (1.5)	20 (1.3)	1 (0.6)
Central	22 (2.6)	78 (2.6)	28 (3.3)	4 (1.3)	20 (1.7)	80 (1.7)	36 (2.1)	6 (0.9)	25 (2.1)	75 (2.1)	32 (2.9)	2 (1.0)
West	30 (1.7)	70 (1.7)	21 (1.7)	3 (0.6)	33 (2.4)	67 (2.4)	23 (2.0)	3 (0.7)	28 (2.1)	72 (2.1)	29 (2.6)	2 (0.7)
Parents' level of education												
Not high school graduate	— —	— —	— —	— —	53 (3.4)	47 (3.4)	8 (1.6)	1 (0.5)	59 (2.9)	41 (2.9)	7 (2.0)	0 (0.0)
Graduated high school	— —	— —	— —	— —	38 (2.0)	62 (2.0)	15 (1.5)	1 (0.6)	44 (2.0)	56 (2.0)	14 (1.6)	0 (0.3)
Some college	— —	— —	— —	— —	21 (1.3)	79 (1.3)	29 (2.3)	3 (0.8)	25 (1.5)	75 (1.5)	24 (1.8)	1 (0.7)
Graduated college	— —	— —	— —	— —	18 (1.2)	82 (1.2)	41 (1.4)	7 (0.7)	19 (1.1)	81 (1.1)	40 (1.6)	3 (0.8)

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1994 Geography Report Card*. (This table was prepared May 1999.)

Table 124.—Average mathematics proficiency, by age and by selected characteristics of students: 1973 to 1999

Selected characteristics of students	1973	1978	1982	1986	1990	1992	1994	1996	1999
1	2	3	4	5	6	7	8	9	10
	9-year-olds								
Total	**219.0 (0.8)**	**218.6 (0.8)**	**219.0 (1.1)**	**221.7 (1.0)**	**229.6 (0.8)**	**229.6 (0.8)**	**231.1 (0.8)**	**231.0 (0.8)**	**232.0 (0.8)**
Male	218.0 (0.7)	217.4 (0.7)	217.1 (1.2)	221.7 (1.1)	229.1 (0.9)	230.8 (1.0)	232.2 (1.0)	232.9 (1.2)	232.9 (1.0)
Female	220.0 (1.1)	219.9 (1.0)	220.8 (1.2)	221.7 (1.2)	230.2 (1.1)	228.4 (1.0)	230.0 (0.9)	229.0 (0.7)	231.2 (0.9)
Race/ethnicity									
White	225.0 (1.0)	224.1 (0.9)	224.0 (1.1)	226.9 (1.1)	235.2 (0.8)	235.1 (0.8)	236.8 (1.0)	236.9 (1.0)	238.8 (0.9)
Black	190.0 (1.8)	192.4 (1.1)	194.9 (1.6)	201.6 (1.6)	208.4 (2.2)	208.0 (2.0)	212.1 (1.6)	211.6 (1.4)	210.9 (1.6)
Hispanic	202.0 (2.4)	202.9 (2.2)	204.0 (1.3)	205.4 (2.1)	213.8 (2.1)	211.9 (2.3)	209.9 (2.3)	214.7 (1.7)	212.9 (1.9)
Parental education									
Not high school graduate	—	200.3 (1.5)	199.0 (1.7)	200.6 (2.5)	210.4 (2.3)	216.7 (2.2)	210.0 (3.0)	219.8 (3.3)	213.5 (2.8)
Graduated high school	—	219.2 (1.1)	218.3 (1.1)	218.4 (1.6)	226.2 (1.2)	222.0 (1.5)	225.3 (1.3)	221.2 (1.7)	224.4 (1.7)
Some education after high school	—	230.1 (1.7)	225.2 (2.1)	228.6 (2.1)	235.8 (2.0)	237.4 (1.9)	239.3 (2.1)	238.2 (2.5)	236.7 (1.9)
Graduated college	—	231.3 (1.1)	228.8 (1.5)	231.3 (1.1)	237.6 (1.3)	236.2 (1.0)	237.8 (0.8)	239.7 (1.4)	239.7 (0.8)
Control of school									
Public	—	217.2 (0.8)	217.0 (1.1)	220.1 (1.2)	228.6 (0.9)	227.7 (0.9)	229.3 (0.9)	229.7 (0.8)	230.6 (0.9)
Private	—	230.5 (1.7)	231.8 (2.1)	230.0 (2.5)	238.1 (2.3)	241.5 (1.7)	244.5 (2.3)	239.1 (2.1)	242.0 (1.9)
Region									
Northeast	227.0 (1.9)	226.9 (1.9)	225.7 (1.8)	226.0 (2.7)	235.8 (2.1)	234.8 (1.9)	237.6 (2.2)	236.4 (2.0)	241.5 (1.7)
Southeast	208.0 (1.3)	208.9 (1.2)	210.4 (2.5)	217.8 (2.5)	223.9 (2.4)	221.0 (1.7)	229.0 (1.4)	226.9 (2.0)	226.5 (2.6)
Central	224.0 (1.5)	224.0 (1.5)	221.1 (2.7)	226.0 (2.3)	230.7 (1.3)	233.7 (1.6)	233.1 (1.8)	233.0 (2.3)	233.0 (1.4)
West	216.0 (2.2)	213.5 (1.3)	219.3 (1.8)	217.2 (2.4)	228.5 (1.8)	229.0 (2.3)	226.0 (1.6)	228.6 (1.3)	228.1 (1.7)
	13-year-olds								
Total	**266.0 (1.1)**	**264.1 (1.1)**	**268.6 (1.1)**	**269.0 (1.2)**	**270.4 (0.9)**	**273.1 (0.9)**	**274.3 (1.0)**	**274.3 (0.8)**	**275.8 (0.8)**
Male	265.0 (1.3)	263.6 (1.3)	269.2 (1.4)	270.0 (1.1)	271.2 (1.2)	274.1 (1.1)	276.0 (1.3)	276.3 (0.9)	277.2 (0.9)
Female	267.0 (1.1)	264.7 (1.1)	268.0 (1.1)	267.9 (1.5)	269.6 (0.9)	272.0 (1.0)	272.7 (1.0)	272.4 (1.0)	274.5 (1.1)
Race/ethnicity									
White	274.0 (0.9)	271.6 (0.8)	274.4 (1.0)	273.6 (1.3)	276.3 (1.1)	278.9 (0.9)	280.8 (0.9)	281.2 (0.9)	283.1 (0.8)
Black	228.0 (1.9)	229.6 (1.9)	240.4 (1.6)	249.2 (2.3)	249.1 (2.3)	250.2 (1.9)	251.5 (3.5)	252.1 (1.3)	251.0 (2.6)
Hispanic	239.0 (2.2)	238.0 (2.0)	252.4 (1.7)	254.3 (2.9)	254.6 (1.8)	259.3 (1.8)	256.0 (1.9)	255.7 (1.6)	259.2 (1.7)
Parental education									
Not high school graduate	—	244.7 (1.2)	251.0 (1.4)	252.3 (2.3)	253.4 (1.8)	255.5 (1.0)	254.5 (2.1)	253.7 (2.4)	256.2 (2.8)
Graduated high school	—	263.1 (1.0)	262.9 (0.8)	262.7 (1.2)	262.6 (1.2)	263.2 (1.2)	265.7 (1.1)	266.8 (1.1)	264.0 (1.1)
Some education after high school	—	273.1 (1.2)	275.1 (0.9)	273.7 (0.8)	277.1 (1.0)	277.6 (1.0)	277.3 (1.6)	277.5 (1.4)	279.4 (0.9)
Graduated college	—	283.8 (1.2)	282.3 (1.5)	279.9 (1.4)	280.4 (1.0)	282.8 (1.0)	284.9 (1.2)	282.9 (1.2)	285.6 (1.0)
Control of school									
Public	—	262.6 (1.2)	267.1 (1.3)	268.7 (1.2)	269.3 (1.0)	271.7 (1.0)	273.0 (1.1)	272.9 (0.9)	274.2 (1.2)
Private	—	279.2 (1.4)	281.1 (2.1)	275.7 (4.9)	278.9 (1.7)	283.3 (2.5)	284.6 (2.4)	285.5 (3.6)	288.5 (2.6)
Region									
Northeast	275.0 (2.4)	272.7 (2.4)	276.9 (2.0)	276.6 (2.2)	274.7 (2.3)	273.6 (2.2)	284.2 (1.5)	275.1 (2.1)	278.7 (2.7)
Southeast	255.0 (3.2)	252.7 (3.3)	258.1 (2.2)	263.5 (1.4)	265.7 (1.9)	271.0 (2.5)	268.6 (2.0)	270.0 (1.8)	270.2 (2.3)
Central	271.0 (1.8)	269.4 (1.8)	272.8 (2.1)	266.1 (4.5)	272.2 (2.4)	275.4 (1.5)	275.0 (3.4)	280.4 (1.3)	277.8 (1.8)
West	262.0 (1.9)	260.0 (1.9)	266.0 (2.4)	270.4 (2.1)	269.1 (1.6)	272.3 (1.4)	271.5 (1.7)	272.6 (1.9)	276.1 (1.4)
	17-year-olds								
Total	**304.0 (1.1)**	**300.4 (1.0)**	**298.5 (0.9)**	**302.0 (0.9)**	**304.6 (0.9)**	**306.7 (0.9)**	**306.2 (1.0)**	**307.2 (1.2)**	**308.2 (1.0)**
Male	309.0 (1.2)	303.8 (1.0)	301.5 (1.0)	304.7 (1.2)	306.3 (1.1)	308.9 (1.1)	308.5 (1.4)	309.5 (1.3)	309.8 (1.4)
Female	301.0 (1.1)	297.1 (1.0)	295.6 (1.0)	299.4 (1.0)	302.9 (1.1)	304.5 (1.1)	304.1 (1.1)	304.9 (1.4)	306.8 (1.0)
Race/ethnicity									
White	310.0 (1.1)	305.9 (0.9)	303.7 (0.9)	307.5 (1.0)	309.5 (1.0)	311.9 (0.8)	312.3 (1.1)	313.4 (1.4)	314.8 (1.1)
Black	270.0 (1.3)	268.4 (1.3)	271.8 (1.2)	278.6 (2.1)	288.5 (2.8)	285.8 (2.2)	285.5 (1.8)	286.4 (1.7)	283.3 (1.5)
Hispanic	277.0 (2.2)	276.3 (2.3)	276.7 (1.8)	283.1 (2.9)	283.5 (2.9)	292.2 (2.6)	290.8 (3.7)	292.0 (2.1)	292.7 (2.5)
Parental education									
Not high school graduate	—	279.6 (1.2)	279.3 (1.0)	279.3 (2.3)	285.4 (2.2)	285.5 (2.3)	283.7 (2.4)	280.5 (2.4)	289.2 (1.8)
Graduated high school	—	293.9 (0.8)	293.4 (0.8)	293.1 (1.0)	293.7 (0.9)	297.6 (1.7)	295.3 (1.1)	297.3 (2.4)	299.1 (1.6)
Some education after high school	—	305.3 (0.9)	303.9 (0.9)	305.2 (1.2)	307.7 (1.0)	307.5 (1.1)	305.0 (1.3)	306.7 (1.5)	307.6 (1.6)
Graduated college	—	316.8 (1.0)	312.4 (1.0)	313.9 (1.4)	316.2 (1.3)	315.9 (1.0)	317.6 (1.4)	316.6 (1.3)	316.5 (1.2)
Control of school									
Public	—	299.6 (1.0)	297.3 (0.9)	301.2 (1.0)	303.5 (0.8)	305.3 (0.9)	304.4 (0.9)	306.4 (1.1)	306.7 (1.0)
Private	—	314.3 (3.2)	311.4 (1.7)	320.1 (9.8)	317.7 (6.6)	320.4 (3.0)	319.4 (4.0)	315.5 (4.5)	320.6 (4.1)
Region									
Northeast	312.0 (1.8)	306.7 (1.8)	304.0 (2.0)	307.4 (1.9)	303.8 (2.1)	311.4 (2.0)	312.7 (2.9)	308.7 (3.0)	312.9 (2.4)
Southeast	296.0 (1.8)	292.3 (1.7)	292.3 (2.1)	297.3 (1.4)	301.0 (2.3)	301.3 (1.9)	300.9 (1.6)	302.7 (2.1)	299.5 (1.4)
Central	306.0 (1.8)	305.2 (1.9)	302.0 (1.4)	303.6 (1.9)	311.2 (2.1)	312.2 (2.0)	307.0 (2.2)	314.0 (2.0)	309.6 (2.0)
West	303.0 (2.0)	295.5 (1.8)	294.1 (1.9)	299.3 (2.7)	302.1 (1.5)	303.1 (1.5)	304.8 (2.4)	303.8 (2.3)	310.4 (2.0)

—Not available.

NOTE: All age groups exclude persons not enrolled in school. These test scores are from the National Assessment of Educational Progress (NAEP). Performers at the 150 level know some basic addition and subtraction facts, and most can add 2-digit numbers without regrouping. They recognize simple situations in which addition and subtraction apply. Performers at the 200 level have considerable understanding of 2-digit numbers and know some basic multiplication and division facts. Performers at the 250 level have an initial understanding of the four basic operations. They can also compare information from graphs and charts, and are developing an ability to analyze simple logical relations. Performers at the 300 level can compute decimals, simple fractions and percents. They can identify geometric figures, measure lengths and angles, and calculate areas of rectangles. They are developing the skills to operate with signed numbers, exponents, and square roots. Performers at the 350 level can apply a range of reasoning skills to solve multistep problems. They can solve routine problems involving fractions and percents, recognize properties of basic geometric figures, and work with exponents and square roots. Scale ranges from 0 to 500. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared November 2001.)

Table 125.—Percent of students at or above selected mathematics proficiency levels, by sex, race/ethnicity, control of school, and age: 1978 to 1999

Sex, race/ethnicity, control, and year	9-year-olds[1]				13-year-olds[2]				17-year-olds[2]			
	Simple arithmetic facts[3]	Beginning skills and under-standing[4]	Numerical operations and beginning problem solving[5]	Moderately complex procedures and reasoning[6]	Beginning skills and under-standing[4]	Numerical operations and beginning problem solving[5]	Moderately complex procedures and reasoning[6]	Multi-step problem solving and algebra[7]	Beginning skills and under-standing[4]	Numerical operations and beginning problem solving[5]	Moderately complex procedures and reasoning[6]	Multi-step problem solving and algebra[7]
1	2	3	4	5	6	7	8	9	10	11	12	13
Total												
1978	96.7 (0.3)	70.4 (0.9)	19.6 (0.7)	0.8 (0.1)	94.6 (0.5)	64.9 (1.2)	18.0 (0.7)	1.0 (0.2)	99.8 (0.1)	92.0 (0.5)	51.5 (1.1)	7.3 (0.4)
1982	97.1 (0.3)	71.4 (1.2)	18.8 (1.0)	0.6 (0.1)	97.7 (0.4)	71.4 (1.2)	17.4 (0.9)	0.5 (0.1)	99.9 (0.0)	93.0 (0.5)	48.5 (1.3)	5.5 (0.4)
1986	97.9 (0.3)	74.1 (1.2)	20.7 (0.9)	0.6 (0.2)	98.6 (0.2)	73.3 (1.6)	15.8 (1.0)	0.4 (0.1)	99.9 —	95.6 (0.5)	51.7 (1.4)	6.5 (0.5)
1990	99.1 (0.2)	81.5 (1.0)	27.7 (0.9)	1.2 (0.3)	98.5 (0.2)	74.7 (1.0)	17.3 (1.0)	0.4 (0.1)	100.0 —	96.0 (0.5)	56.1 (1.4)	7.2 (0.6)
1992	99.0 (0.2)	81.4 (0.8)	27.8 (0.9)	1.2 (0.3)	98.7 (0.3)	77.9 (1.1)	18.9 (1.0)	0.4 (0.2)	100.0 —	96.6 (0.5)	59.1 (1.3)	7.2 (0.6)
1994	99.0 (0.2)	82.0 (0.7)	29.9 (1.1)	1.3 (0.4)	98.5 (0.3)	78.1 (1.1)	21.3 (1.4)	0.6 (0.2)	100.0 —	96.5 (0.5)	58.6 (1.4)	7.4 (0.8)
1996	99.1 (0.2)	81.5 (0.8)	29.7 (1.0)	1.6 (0.3)	98.8 (0.2)	78.6 (0.9)	20.6 (1.2)	0.6 (0.1)	100.0 —	96.8 (0.4)	60.1 (1.7)	7.4 (0.8)
1999	98.9 (0.2)	82.5 (0.8)	30.9 (1.1)	1.7 (0.3)	98.7 (0.2)	78.8 (1.0)	23.2 (1.0)	0.9 (0.2)	100.0 —	96.8 (0.5)	60.7 (1.6)	8.4 (0.8)
Male												
1978	96.2 (0.5)	68.9 (1.0)	19.2 (0.6)	0.7 (0.2)	93.9 (0.5)	63.9 (1.3)	18.4 (0.9)	1.1 (0.2)	99.9 (0.1)	93.0 (0.5)	55.1 (1.2)	9.5 (0.6)
1982	96.5 (0.5)	68.8 (1.3)	18.1 (1.1)	0.6 (0.1)	97.5 (0.6)	71.3 (1.4)	18.9 (1.2)	0.7 (0.2)	100.0 —	93.9 (0.6)	51.9 (1.5)	6.9 (0.7)
1986	98.0 (0.5)	74.0 (1.4)	20.9 (1.1)	0.7 (0.3)	98.5 (0.3)	73.8 (1.8)	17.6 (1.1)	0.5 (0.2)	99.9 —	96.1 (0.6)	54.6 (1.8)	8.4 (0.9)
1990	99.0 (0.3)	80.6 (1.0)	27.5 (1.0)	1.3 (0.4)	98.2 (0.3)	75.1 (1.8)	19.0 (1.2)	0.5 (0.2)	99.9 —	95.8 (0.8)	57.6 (1.4)	8.8 (0.8)
1992	99.0 (0.3)	81.9 (1.0)	29.4 (1.2)	1.4 (0.3)	98.8 (0.4)	78.1 (1.6)	20.7 (1.1)	0.5 (0.2)	100.0 —	96.9 (0.6)	60.5 (1.8)	9.1 (0.7)
1994	99.1 (0.3)	82.3 (0.9)	31.5 (1.6)	1.4 (0.4)	99.3 (0.4)	78.9 (1.5)	23.9 (1.6)	0.8 (0.3)	100.0 —	97.3 (0.6)	60.2 (2.1)	9.3 (1.0)
1996	99.1 (0.2)	82.5 (1.1)	32.7 (1.7)	2.0 (0.5)	98.7 (0.3)	79.8 (1.4)	23.0 (1.6)	0.8 (0.2)	100.0 —	97.0 (0.7)	62.7 (1.8)	9.5 (1.3)
1999	98.8 (0.3)	82.6 (0.9)	32.4 (1.3)	1.9 (0.4)	98.5 (0.3)	79.3 (1.1)	25.4 (1.2)	1.2 (0.2)	100.0 —	96.5 (0.8)	63.1 (2.1)	9.8 (1.1)
Female												
1978	97.2 (0.3)	72.0 (1.1)	19.9 (1.0)	0.8 (0.2)	95.2 (0.5)	65.9 (1.2)	17.5 (0.7)	0.9 (0.2)	99.7 (0.1)	91.0 (0.6)	48.2 (1.3)	5.2 (0.7)
1982	97.6 (0.3)	74.0 (1.3)	19.6 (1.1)	0.5 (0.1)	98.0 (0.3)	71.4 (1.3)	15.9 (1.0)	0.4 (0.2)	99.9 (0.0)	92.1 (0.6)	45.3 (1.4)	4.1 (0.4)
1986	97.8 (0.4)	74.3 (1.3)	20.6 (1.3)	0.6 (0.3)	98.6 (0.3)	72.7 (1.9)	14.1 (1.3)	0.3 (0.1)	100.0 —	95.1 (0.7)	48.9 (1.7)	4.7 (0.6)
1990	99.1 (0.3)	82.3 (1.3)	27.9 (1.3)	1.0 (0.3)	98.9 (0.2)	74.4 (1.3)	15.7 (1.0)	0.2 (0.1)	100.0 —	96.2 (0.8)	54.7 (1.8)	5.6 (0.8)
1992	99.0 (0.3)	80.9 (1.1)	26.3 (1.5)	1.0 (0.4)	98.6 (0.2)	77.7 (1.1)	17.2 (1.4)	0.3 —	100.0 —	96.3 (0.8)	57.7 (1.6)	5.2 (0.8)
1994	98.9 (0.3)	81.7 (0.9)	28.3 (1.3)	1.1 (0.4)	98.7 (0.3)	77.3 (1.0)	18.7 (1.4)	0.5 (0.3)	100.0 —	96.0 (0.6)	57.2 (1.4)	5.5 (0.9)
1996	99.1 (0.4)	80.7 (0.9)	26.7 (1.1)	1.2 (0.4)	98.8 (0.3)	77.4 (1.1)	18.4 (1.5)	0.5 (0.2)	100.0 —	96.7 (0.6)	57.6 (2.2)	5.3 (0.8)
1999	99.0 (0.2)	82.5 (1.2)	29.4 (1.4)	1.6 (0.4)	99.0 (0.4)	78.4 (1.2)	21.0 (1.4)	0.6 (0.3)	100.0 —	97.2 (0.4)	58.5 (1.9)	7.1 (1.1)
White, non-Hispanic												
1978	98.3 (0.2)	76.3 (1.0)	22.9 (0.9)	0.9 (0.2)	97.6 (0.3)	72.9 (0.9)	21.4 (0.7)	1.2 (0.2)	100.0 —	95.6 (0.3)	57.6 (1.1)	8.5 (0.5)
1982	98.5 (0.3)	76.8 (1.2)	21.8 (1.1)	0.6 (0.1)	99.1 (0.1)	78.3 (0.9)	20.5 (1.0)	0.6 (0.1)	100.0 —	96.2 (0.3)	54.7 (1.4)	6.4 (0.5)
1986	98.8 (0.2)	79.6 (1.3)	24.6 (1.0)	0.8 (0.3)	99.3 (0.3)	78.9 (1.7)	18.6 (1.2)	0.4 (0.1)	100.0 —	98.0 (0.4)	59.1 (1.7)	7.9 (0.7)
1990	99.6 (0.2)	86.9 (0.9)	32.7 (1.0)	1.5 (0.4)	99.4 (0.1)	82.0 (1.0)	21.0 (1.2)	0.4 (0.2)	100.0 —	97.6 (0.3)	63.2 (1.6)	8.3 (0.7)
1992	99.6 (0.1)	86.9 (0.7)	32.4 (1.0)	1.4 (0.3)	99.6 (0.2)	84.9 (1.1)	22.8 (1.3)	0.4 (0.2)	100.0 —	98.3 (0.4)	66.4 (1.4)	8.7 (0.9)
1994	99.6 (0.2)	87.0 (0.8)	35.3 (1.3)	1.5 (0.4)	99.3 (0.2)	85.5 (0.9)	25.6 (1.6)	0.7 (0.3)	100.0 —	98.4 (0.4)	67.0 (1.4)	9.4 (1.1)
1996	99.6 (0.1)	86.6 (0.8)	35.7 (1.4)	2.0 (0.4)	99.6 (0.2)	86.4 (1.0)	25.4 (1.5)	0.8 (0.2)	100.0 —	98.7 (0.4)	68.7 (2.2)	9.2 (1.0)
1999	99.6 (0.1)	88.6 (0.8)	37.1 (1.4)	2.2 (0.4)	99.4 (0.3)	86.7 (0.9)	29.0 (1.3)	1.2 (0.3)	100.0 —	98.7 (0.4)	69.9 (2.0)	10.4 (1.1)
Black, non-Hispanic												
1978	88.4 (1.0)	42.0 (1.4)	4.1 (0.6)	0.0 —	79.7 (1.5)	28.7 (2.1)	2.3 (0.5)	0.0 —	98.8 (0.3)	70.7 (1.7)	16.8 (1.6)	0.5 (0.2)
1982	90.2 (1.0)	46.1 (2.4)	4.4 (0.8)	0.0 —	90.2 (1.6)	37.9 (2.5)	2.9 (1.0)	0.0 —	99.7 (0.2)	78.4 (1.5)	17.1 (1.5)	0.5 (0.3)
1986	93.9 (1.4)	53.4 (2.5)	5.6 (0.9)	0.1 —	95.4 (0.9)	49.0 (3.7)	4.0 (1.4)	0.1 —	100.0 —	85.6 (2.5)	20.8 (2.8)	0.2 —
1990	96.9 (0.9)	60.0 (2.8)	9.4 (1.7)	0.1 —	95.4 (1.1)	48.7 (3.6)	3.9 (1.6)	0.1 —	99.9 —	92.4 (2.2)	32.8 (4.5)	2.0 (1.0)
1992	96.6 (1.1)	59.8 (2.8)	9.6 (1.4)	0.1 —	95.0 (1.4)	51.0 (2.7)	4.0 (0.7)	0.1 —	100.0 —	89.6 (2.5)	29.8 (3.9)	0.9 —
1994	97.4 (1.0)	65.9 (2.6)	11.1 (1.7)	0.0 —	95.6 (1.6)	51.0 (3.9)	6.4 (2.4)	0.3 —	100.0 —	90.6 (1.8)	29.8 (3.4)	0.4 —
1996	97.3 (0.8)	65.3 (2.4)	10.0 (1.2)	0.1 —	96.2 (1.3)	53.7 (2.6)	4.8 (1.1)	0.1 —	100.0 —	90.6 (1.3)	31.2 (2.5)	0.9 —
1999	96.4 (0.6)	63.3 (2.1)	12.3 (1.5)	0.2 —	96.5 (1.1)	50.8 (4.0)	4.4 (1.4)	0.0 —	99.9 —	88.6 (2.0)	26.6 (2.7)	1.0 —
Hispanic												
1978	93.0 (1.2)	54.2 (2.8)	9.2 (2.5)	0.2 —	86.4 (0.9)	36.0 (2.9)	4.0 (1.0)	0.1 —	99.3 (0.4)	78.3 (2.3)	23.4 (2.7)	1.4 (0.6)
1982	94.3 (1.2)	55.7 (2.3)	7.8 (1.7)	0.0 —	95.9 (0.9)	52.2 (2.5)	6.3 (1.0)	0.0 —	99.8 —	81.4 (1.9)	21.6 (2.2)	0.7 (0.4)
1986	96.4 (1.3)	57.6 (2.9)	7.3 (2.8)	0.1 —	96.9 (1.4)	56.0 (5.0)	5.5 (1.1)	0.2 —	99.4 —	89.3 (2.5)	26.5 (4.5)	1.1 —
1990	98.0 (0.8)	68.4 (3.0)	11.3 (3.5)	0.2 —	96.8 (1.1)	56.7 (3.3)	6.4 (1.7)	0.1 —	99.6 —	85.8 (4.2)	30.1 (3.1)	1.9 (0.8)
1992	97.2 (1.3)	65.0 (2.9)	11.7 (2.5)	0.1 —	98.1 (0.7)	63.3 (2.7)	7.0 (1.2)	0.0 —	100.0 —	94.1 (2.2)	39.2 (4.9)	1.2 —
1994	97.2 (1.2)	63.5 (3.1)	9.7 (1.8)	0.0 —	97.1 (1.3)	59.2 (2.2)	6.4 (1.8)	0.0 —	100.0 —	91.8 (3.6)	38.3 (5.5)	1.4 —
1996	98.1 (0.7)	67.1 (2.1)	13.8 (2.3)	0.2 —	96.2 (0.8)	58.3 (2.3)	6.7 (1.2)	0.0 —	99.9 —	92.2 (2.2)	40.1 (3.5)	1.8 —
1999	98.1 (0.7)	67.5 (2.5)	10.5 (1.6)	0.1 —	97.2 (0.6)	62.9 (2.5)	8.2 (1.4)	0.1 —	99.9 —	93.6 (2.2)	37.7 (4.1)	3.1 (1.1)
Public												
1978	96.4 (0.3)	68.8 (0.9)	18.5 (0.7)	0.7 (0.2)	94.1 (0.5)	63.3 (1.2)	17.0 (0.8)	0.9 (0.2)	99.8 (0.1)	91.7 (0.5)	50.6 (1.2)	7.0 (0.4)
1982	96.8 (0.4)	69.4 (1.2)	17.3 (0.9)	0.5 (0.1)	97.5 (0.4)	69.7 (1.3)	16.4 (1.0)	0.5 (0.1)	99.9 (0.0)	92.5 (0.6)	46.9 (1.3)	5.2 (0.4)
1986	97.7 (0.3)	72.7 (1.4)	19.1 (1.1)	0.6 (0.2)	98.5 (0.3)	72.9 (1.7)	15.6 (1.0)	0.4 (0.1)	99.9 —	95.5 (0.5)	50.7 (1.6)	6.1 (0.5)
1990	99.0 (0.2)	80.5 (1.1)	26.8 (1.0)	1.1 (0.3)	98.4 (0.2)	73.3 (1.2)	16.7 (1.1)	0.3 (0.1)	100.0 —	95.8 (0.6)	55.0 (1.3)	6.5 (0.5)
1992	98.8 (0.3)	79.7 (0.9)	26.1 (0.9)	1.1 (0.3)	98.5 (0.3)	76.3 (1.2)	18.0 (1.0)	0.3 (0.2)	100.0 —	96.3 (0.6)	58.9 (1.2)	6.7 (0.7)
1994	98.9 (0.3)	80.6 (0.8)	27.9 (1.2)	1.1 (0.4)	98.5 (0.3)	76.7 (1.2)	20.0 (1.4)	0.6 (0.2)	100.0 —	96.2 (0.5)	56.2 (1.3)	6.4 (0.7)
1996	99.0 (0.2)	80.7 (0.8)	28.3 (1.1)	1.5 (0.3)	98.6 (0.2)	77.2 (0.9)	19.2 (1.3)	0.6 (0.1)	100.0 —	96.7 (0.5)	59.0 (1.8)	7.1 (0.7)
1999	98.8 (0.2)	81.4 (1.0)	29.4 (1.2)	1.6 (0.3)	98.7 (0.2)	77.3 (1.3)	21.6 (1.3)	0.8 (0.2)	100.0 —	96.4 (0.5)	58.6 (1.6)	7.9 (0.7)
Private												
1978	99.0 —	83.3 (1.9)	28.4 (2.0)	1.2 (0.4)	99.0 (0.4)	80.8 (1.7)	26.9 (1.8)	1.4 (0.4)	100.0 —	97.1 (0.6)	67.7 (3.3)	12.9 (2.7)
1982	99.0 (0.4)	84.3 (2.1)	28.6 (2.6)	1.0 (0.6)	99.5 (0.3)	85.1 (1.6)	26.3 (3.1)	1.0 (0.3)	100.0 —	98.1 (0.5)	66.3 (2.4)	8.2 (1.4)
1986	98.7 (0.8)	81.8 (2.3)	28.9 (2.7)	1.1 (0.6)	98.9 (0.6)	81.9 (3.3)	22.0 (6.8)	0.1 —	100.0 —	99.4 —	75.1 (10.6)	16.3 (9.1)
1990	99.7 —	89.3 (1.8)	35.2 (3.3)	1.8 (1.2)	99.7 —	87.0 (2.0)	23.2 (2.5)	0.7 (0.4)	100.0 —	98.2 (1.2)	71.0 (7.9)	15.7 (5.3)
1992	99.8 (0.1)	92.2 (1.2)	38.6 (2.7)	1.9 (0.7)	99.9 —	89.7 (2.1)	25.9 (3.7)	0.7 (0.4)	100.0 —	99.5 —	79.5 (3.7)	12.2 (2.7)
1994	99.8 —	92.3 (1.3)	44.4 (4.0)	2.2 (0.8)	98.7 —	88.5 (2.6)	30.7 (3.7)	1.0 —	100.0 —	98.8 (0.6)	75.7 (4.3)	14.5 (3.5)
1996	99.6 —	87.1 (1.5)	38.7 (3.0)	2.1 (1.1)	99.6 —	89.3 (3.5)	31.6 (4.8)	1.0 (0.6)	100.0 —	98.5 (0.8)	71.5 (6.4)	10.4 (4.0)
1999	99.8 —	90.5 (1.6)	40.6 (2.9)	2.6 (0.9)	99.2 —	90.4 (2.6)	35.4 (3.1)	1.9 (0.8)	100.0 —	99.7 —	78.2 (6.1)	13.1 (4.6)

—Not available.

[1] Virtually no students were able to perform multistep problems and algebra.

[2] Virtually all students knew simple arithmetic facts. Data are only for students enrolled in school.

[3] Scale score of 150 or above.

[4] Scale score of 200 or above.

[5] Scale score of 250 or above.

[6] Scale score of 300 or above.

[7] Scale score of 350 or above.

NOTE: Mathematics proficiency levels measured by the National Assessment of Educational Progress (NAEP). Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared November 2001.)

Table 126.—Mathematics performance of 17-year-olds, by highest mathematics course taken, sex, and race/ethnicity: 1978 to 1999

Year, sex, and race/ethnicity	Percent of students	Average proficiency by highest mathematics course taken						Percent of students at or above			
		All areas	Prealgebra or general mathematics	Algebra I	Geometry	Algebra II	Precalculus or calculus	Level 200[1]	Level 250[2]	Level 300[3]	Level 350[4]
1	2	3	4	5	6	7	8	9	10	11	12
1978											
Total	100.0 (0.0)	300.4 (1.0)	267 (0.8)	286 (0.7)	307 (0.7)	321 (0.7)	334 (1.4)	99.8 (0.1)	92.0 (0.5)	51.5 (1.1)	7.3 (0.4)
Male	48.7 (0.5)	303.8 (1.0)	269 (1.0)	289 (0.9)	310 (1.0)	325 (0.8)	337 (2.0)	99.9 (0.1)	93.0 (0.5)	55.1 (1.2)	9.5 (0.6)
Female	51.3 (0.5)	297.1 (1.0)	265 (0.9)	284 (1.0)	304 (0.8)	318 (0.9)	329 (1.8)	99.7 (0.1)	91.0 (0.6)	48.2 (1.3)	5.2 (0.7)
White	83.1 (1.3)	305.9 (0.9)	272 (0.6)	291 (0.6)	310 (0.6)	325 (0.6)	338 (1.1)	100.0 —	95.6 (0.3)	57.6 (1.1)	8.5 (0.5)
Black	11.8 (1.1)	268.4 (1.3)	247 (1.6)	264 (1.5)	281 (1.9)	292 (1.4)	297 (6.5)	98.8 (0.3)	70.7 (1.7)	16.8 (1.6)	0.5 (0.2)
Hispanic	4.0 (0.5)	276.3 (2.3)	256 (2.3)	273 (2.8)	294 (4.4)	303 (2.9)	306 (6.1)	99.3 (0.4)	78.3 (2.3)	23.4 (2.7)	1.4 (0.6)
Other[5]	1.1 (0.1)	312.9 (3.3)	— —	— —	— —	— —	— —	100.0 —	94.5 (2.6)	64.7 (4.9)	15.4 (3.2)
1990											
Total	100.0 (0.0)	304.6 (0.9)	273 (1.1)	288 (1.2)	299 (1.5)	319 (1.0)	344 (2.6)	100.0 —	96.0 (0.5)	56.1 (1.4)	7.2 (0.6)
Male	48.6 (0.9)	306.3 (1.1)	274 (1.7)	291 (1.6)	302 (1.6)	323 (1.2)	347 (2.4)	99.9 —	95.8 (0.8)	57.6 (1.4)	8.8 (0.8)
Female	51.4 (0.9)	302.9 (1.1)	271 (1.8)	285 (1.8)	296 (1.8)	316 (1.1)	341 (4.0)	100.0 —	96.2 (0.8)	54.7 (1.8)	5.6 (0.8)
White	73.3 (0.5)	309.5 (1.0)	277 (1.1)	292 (1.6)	304 (1.3)	323 (0.9)	347 (2.8)	100.0 —	97.6 (0.3)	63.2 (1.6)	8.3 (0.7)
Black	15.6 (0.3)	288.5 (2.8)	264 (2.2)	278 (4.0)	285 (3.5)	302 (3.2)	329 (7.6)	99.9 —	92.4 (2.2)	32.8 (4.5)	2.0 (1.0)
Hispanic	6.9 (0.4)	283.5 (2.9)	259 (4.0)	278 (4.1)	286 (3.5)	306 (3.3)	323 (9.6)	99.6 —	85.8 (4.2)	30.1 (3.1)	1.9 (0.8)
Other[5]	4.2 (0.5)	312.5 (5.2)	— —	— —	— —	— —	— —	100.0 —	97.9 —	61.6 (7.0)	15.9 (4.3)
1992											
Total	100.0 (0.0)	306.7 (0.9)	271 (1.6)	289 (1.1)	302 (1.6)	320 (0.7)	343 (1.7)	100.0 —	96.6 (0.5)	59.1 (1.3)	7.2 (0.6)
Male	50.7 (1.2)	308.9 (1.1)	275 (2.3)	291 (1.7)	306 (2.0)	323 (1.1)	344 (2.7)	100.0 —	96.9 (0.6)	60.5 (1.8)	9.1 (0.7)
Female	49.3 (1.2)	304.5 (1.1)	267 (1.6)	287 (1.8)	297 (2.0)	317 (1.0)	341 (2.0)	100.0 —	96.3 (0.8)	57.7 (1.6)	5.2 (0.8)
White	74.7 (0.5)	311.9 (0.8)	276 (1.7)	293 (1.0)	306 (1.6)	323 (0.9)	347 (1.6)	100.0 —	98.3 (0.4)	66.4 (1.4)	8.7 (0.9)
Black	14.8 (0.3)	285.8 (2.2)	256 (4.8)	279 (3.4)	283 (3.4)	301 (2.2)	313 (5.7)	100.0 —	89.6 (2.5)	29.8 (3.9)	0.9 —
Hispanic	7.4 (0.5)	292.2 (2.6)	269 (3.1)	285 (3.1)	297 (3.9)	312 (2.0)	320 (7.3)	100.0 —	94.1 (2.2)	39.2 (4.9)	1.2 —
Other[5]	3.1 (0.2)	317.1 (4.0)	— —	— —	— —	— —	— —	100.0 —	96.5 (1.7)	69.8 (4.8)	16.9 (5.7)
1994											
Total	100.0 (0.0)	306.2 (1.0)	272 (1.2)	288 (1.4)	297 (1.7)	316 (1.0)	340 (2.2)	100.0 —	96.5 (0.5)	58.6 (1.4)	7.4 (0.8)
Male	49.5 (1.3)	308.5 (1.4)	274 (1.8)	289 (1.6)	301 (2.1)	320 (1.5)	343 (2.6)	100.0 —	97.3 (0.6)	60.2 (2.1)	9.3 (1.0)
Female	50.5 (1.3)	304.1 (1.1)	268 (1.9)	286 (1.9)	293 (1.8)	313 (1.1)	337 (2.8)	100.0 —	96.0 (0.6)	57.2 (1.4)	5.5 (0.9)
White	72.5 (0.5)	312.3 (1:1)	275 (1.4)	292 (1.7)	301 (1.5)	320 (1.0)	344 (2.0)	100.0 —	98.4 (0.4)	67.0 (1.4)	9.4 (1.1)
Black	15.5 (0.3)	285.5 (1.8)	— —	275 (3.3)	283 (3.8)	297 (2.5)	— —	100.0 —	90.6 (1.8)	29.8 (3.4)	0.4 —
Hispanic	8.8 (0.3)	290.8 (3.7)	— —	— —	— —	304 (4.1)	— —	100.0 —	91.8 (3.6)	38.3 (5.5)	1.4 —
Other[5]	3.2 (0.3)	312.7 (4.5)	— —	— —	— —	— —	— —	100.0 —	97.0 —	66.4 (6.6)	12.1 (3.6)
1996											
Total	100.0 (0.0)	307.2 (1.2)	269 (1.9)	283 (1.3)	298 (1.3)	316 (1.3)	339 (1.7)	100.0 —	96.8 (0.4)	60.1 (1.7)	7.4 (0.8)
Male	49.5 (1.2)	309.5 (1.3)	272 (2.5)	287 (1.5)	302 (1.7)	320 (1.7)	342 (2.3)	100.0 —	97.0 (0.7)	62.7 (1.8)	9.5 (1.3)
Female	50.5 (1.2)	304.9 (1.4)	265 (2.2)	278 (2.2)	294 (1.5)	313 (1.4)	335 (2.2)	100.0 —	96.7 (0.6)	57.6 (2.2)	5.3 (0.8)
White	71.0 (0.6)	313.4 (1.4)	273 (2.3)	287 (2.0)	304 (1.6)	320 (1.4)	342 (1.9)	100.0 —	98.7 (0.4)	68.7 (2.2)	9.2 (1.0)
Black	15.0 (0.3)	286.4 (1.7)	— —	273 (2.4)	280 (3.0)	299 (2.2)	— —	100.0 —	90.6 (1.3)	31.2 (2.5)	0.9 —
Hispanic	9.0 (0.7)	292.0 (2.1)	— —	— —	— —	306 (2.8)	— —	99.9 —	92.2 (2.2)	40.1 (3.5)	1.8 —
Other[5]	5.0 —	— —	— —	— —	— —	— —	— —	100.0 —	97.4 (1.2)	63.5 (7.2)	13.7 (5.0)
1999											
Total	100.0 (0.0)	308.2 (1.0)	278 (2.8)	285 (1.7)	298 (1.2)	315 (0.8)	341 (1.4)	100.0 —	96.8 (0.5)	60.7 (1.6)	8.4 (0.8)
Male	48.3 (1.0)	309.8 (1.4)	281 (3.2)	288 (2.6)	301 (1.8)	317 (1.3)	343 (1.9)	100.0 —	96.0 (0.8)	63.0 (2.1)	10.0 (1.1)
Female	51.7 (1.0)	306.8 (1.0)	274 (3.2)	282 (2.5)	295 (1.3)	314 (1.1)	340 (2.0)	100.0 —	97.0 (0.4)	58.0 (1.9)	7.0 (1.1)
White	71.7 (0.5)	314.8 (1.1)	282 (3.4)	290 (2.2)	303 (1.5)	320 (0.9)	343 (1.5)	100.0 —	99.0 (0.4)	70.0 (2.0)	10.0 (1.1)
Black	14.6 (0.4)	283.3 (1.5)	— —	267 (2.9)	281 (2.5)	293 (1.4)	— —	100.0 —	89.0 (2.0)	27.0 (2.7)	1.0 —
Hispanic	9.6 (0.5)	292.7 (2.5)	— —	— —	— —	308 (3.0)	— —	100.0 —	94.0 (2.2)	38.0 (4.1)	3.0 (1.1)
Other[5]	— —	— —	— —	— —	— —	— —	— —	100.0 —	100.0 —	76.0 (6.3)	14.0 (4.1)

—Not available.

[1] Indicates ability to perform simple additive reasoning and problem solving.

[2] Indicates ability to perform simple multiplicative reasoning and 2-step problem solving.

[3] Indicates ability to perform reasoning and problem solving involving fractions, decimals, percents, elementary geometry, and simple algebra.

[4] Indicates ability to perform reasoning and problem solving involving geometry, algebra, and beginning statistics and probability.

[5] Includes Asian/Pacific Islanders and American Indians/Alaskan Natives.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). Scale ranges from 0 to 500. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared September 2000.)

Table 127.—Mathematics proficiency and selected statistics on mathematics education for 4th-graders in public schools, by region and state: 1996 and 2000

Region and state	Average proficiency		Percent attaining mathematics achievement levels,[1] 2000				Percent of students with 3 or more hours of math instruction each week, 2000	Percent of students, 2000		
	1996	2000	Below basic	Basic or above[2]	Proficient or above[3]	Advanced or above[4]		Spending 30 minutes or more on math homework each day[5]	Agree mathematics is useful for solving everyday problems	Watching 6 hours or more of television each day
1	2	3	4	5	6	7	8	9	10	11
United States	**222 (1.0)**	**226 (1.0)**	**33 (1.2)**	**67 (1.2)**	**25 (1.2)**	**2 (0.3)**	**71 (2.4)**	**50**	**70 (0.8)**	**19 (0.9)**
Region										
Northeast	226 (2.6)	229 (1.8)	29 (2.0)	71 (2.0)	27 (2.6)	3 (0.9)	79 (4.5)	46	73 (1.6)	18 (2.3)
Southeast	216 (2.5)	220 (2.3)	41 (3.4)	59 (3.4)	19 (2.1)	1 (0.4)	67 (3.8)	52	68 (1.3)	25 (1.6)
Central	230 (2.0)	231 (1.5)	27 (1.8)	73 (1.8)	29 (2.2)	3 (0.6)	67 (6.3)	49	70 (1.5)	17 (2.0)
West	219 (2.1)	225 (2.1)	35 (2.5)	65 (2.5)	24 (2.3)	3 (0.5)	70 (4.9)	51	70 (1.7)	17 (1.2)
State										
Alabama	212 (1.2)	218 (1.4)	43 (2.1)	57 (2.1)	14 (1.3)	1 (0.2)	65 (5.7)	60	68 (1.2)	23 (1.5)
Alaska	224 (1.3)	— —	— —	— —	— —	— —	— —	—	— —	— —
Arizona	218 (1.7)	219 (1.4)	42 (1.9)	58 (1.9)	17 (1.6)	2 (0.5)	76 (4.4)	49	67 (1.2)	13 (1.0)
Arkansas	216 (1.5)	217 (1.1)	44 (1.9)	56 (1.9)	13 (1.1)	1 (0.2)	60 (5.6)	54	68 (1.3)	24 (1.3)
California[6]	209 (1.8)	214 (1.8)	48 (2.3)	52 (2.3)	15 (1.4)	1 (0.3)	73 (6.7)	56	65 (1.8)	17 (1.3)
Colorado	226 (1.0)	— —	— —	— —	— —	— —	— —	—	— —	— —
Connecticut	232 (1.1)	234 (1.2)	23 (1.5)	77 (1.5)	32 (1.6)	3 (0.5)	83 (3.4)	49	72 (1.2)	16 (1.2)
Delaware	215 (0.6)	— —	— —	— —	— —	— —	— —	—	— —	— —
District of Columbia	187 (1.1)	193 (1.2)	76 (1.1)	24 (1.1)	6 (0.8)	1 (0.2)	66 (1.5)	54	64 (0.9)	36 (0.9)
Florida	216 (1.2)	— —	— —	— —	— —	— —	— —	—	— —	— —
Georgia	215 (1.5)	220 (1.1)	42 (1.5)	58 (1.5)	18 (1.1)	1 (0.3)	74 (5.0)	54	68 (1.0)	19 (1.0)
Hawaii	215 (1.5)	216 (1.1)	45 (1.5)	55 (1.5)	14 (1.0)	1 (0.3)	88 (3.0)	64	64 (1.0)	18 (1.0)
Idaho[6]	— —	227 (1.2)	29 (1.7)	71 (1.7)	21 (1.6)	1 (0.4)	76 (5.1)	48	68 (1.6)	12 (1.1)
Illinois[6]	— —	225 (1.9)	34 (2.4)	66 (2.4)	21 (2.5)	2 (0.6)	84 (4.1)	57	66 (1.5)	19 (1.6)
Indiana[6]	229 (1.0)	234 (1.1)	22 (1.5)	78 (1.5)	31 (1.6)	3 (0.7)	78 (5.5)	57	71 (1.3)	17 (1.5)
Iowa[6]	229 (1.1)	233 (1.3)	22 (1.9)	78 (1.9)	28 (1.9)	2 (0.4)	65 (5.1)	47	70 (1.4)	9 (0.7)
Kansas[6]	— —	232 (1.5)	25 (2.3)	75 (2.3)	30 (2.1)	3 (0.7)	76 (5.4)	47	73 (1.5)	14 (1.6)
Kentucky	220 (1.1)	221 (1.2)	40 (1.8)	60 (1.8)	17 (1.2)	1 (0.3)	80 (3.8)	57	71 (1.2)	17 (0.9)
Louisiana	209 (1.1)	218 (1.4)	43 (2.0)	57 (2.0)	14 (1.4)	1 (0.2)	56 (5.7)	52	67 (1.6)	24 (1.1)
Maine[6]	232 (1.0)	231 (0.9)	26 (1.8)	74 (1.8)	25 (1.3)	2 (0.4)	89 (3.1)	50	74 (1.1)	10 (0.7)
Maryland	221 (1.6)	222 (1.3)	39 (1.8)	61 (1.8)	22 (1.4)	2 (0.4)	70 (4.7)	48	71 (1.2)	23 (1.1)
Massachusetts	229 (1.4)	235 (1.1)	21 (1.4)	79 (1.4)	33 (1.6)	3 (0.5)	91 (3.0)	50	74 (1.2)	10 (0.9)
Michigan[6]	226 (1.3)	231 (1.4)	28 (1.9)	72 (1.9)	29 (1.8)	3 (0.6)	86 (3.7)	50	71 (1.2)	16 (1.2)
Minnesota[6]	232 (1.1)	235 (1.3)	22 (1.7)	78 (1.7)	34 (1.8)	3 (0.7)	71 (6.0)	48	74 (1.4)	7 (0.9)
Mississippi	208 (1.2)	211 (1.1)	55 (1.7)	45 (1.7)	9 (0.9)	(7) (0.2)	43 (5.8)	57	67 (1.2)	23 (1.0)
Missouri	225 (1.1)	229 (1.2)	28 (1.6)	72 (1.6)	23 (1.6)	2 (0.4)	79 (4.3)	49	69 (1.1)	19 (1.2)
Montana[6]	228 (1.2)	230 (1.8)	27 (2.6)	73 (2.6)	25 (2.5)	2 (0.7)	79 (5.2)	45	67 (1.6)	11 (1.2)
Nebraska	228 (1.2)	226 (1.7)	33 (2.3)	67 (2.3)	24 (1.9)	2 (0.5)	87 (4.2)	51	71 (1.6)	13 (1.7)
Nevada	218 (1.3)	220 (1.2)	39 (1.7)	61 (1.7)	16 (1.1)	1 (0.2)	82 (4.1)	49	67 (1.2)	17 (1.2)
New Jersey	227 (1.5)	— —	— —	— —	— —	— —	— —	—	— —	— —
New Mexico	214 (1.8)	214 (1.5)	49 (2.0)	51 (2.0)	12 (1.0)	1 (0.2)	69 (5.0)	56	68 (1.4)	15 (1.3)
New York[6]	223 (1.2)	227 (1.3)	33 (2.1)	67 (2.1)	22 (1.6)	2 (0.4)	78 (5.6)	49	66 (1.5)	21 (1.3)
North Carolina	224 (1.2)	232 (1.0)	24 (1.5)	76 (1.5)	28 (1.5)	3 (0.4)	88 (5.2)	58	70 (1.0)	18 (1.0)
North Dakota	231 (1.2)	231 (0.9)	25 (1.5)	75 (1.5)	25 (1.3)	2 (0.4)	79 (3.3)	45	73 (1.2)	10 (0.7)
Ohio[6]	— —	231 (1.3)	27 (2.0)	73 (2.0)	26 (2.1)	2 (0.4)	79 (4.6)	55	72 (1.2)	20 (1.5)
Oklahoma	— —	225 (1.3)	31 (1.9)	69 (1.9)	16 (1.2)	1 (0.2)	69 (4.8)	51	63 (1.0)	19 (1.1)
Oregon[6]	223 (1.4)	227 (1.6)	33 (2.3)	67 (2.3)	23 (1.8)	3 (0.6)	69 (5.5)	50	68 (1.5)	13 (1.3)
Pennsylvania	226 (1.2)	— —	— —	— —	— —	— —	— —	—	— —	— —
Rhode Island	220 (1.4)	225 (1.2)	33 (1.5)	67 (1.5)	23 (1.3)	2 (0.4)	75 (4.3)	46	73 (1.2)	11 (0.8)
South Carolina	213 (1.3)	220 (1.4)	40 (1.8)	60 (1.8)	18 (1.2)	2 (0.3)	74 (4.9)	51	67 (1.2)	23 (1.2)
Tennessee	219 (1.4)	220 (1.5)	40 (1.8)	60 (1.8)	18 (1.5)	1 (0.4)	80 (4.2)	55	70 (1.2)	20 (1.3)
Texas	229 (1.4)	233 (1.2)	23 (1.6)	77 (1.6)	27 (1.8)	2 (0.5)	65 (5.8)	57	69 (1.4)	18 (1.3)
Utah	227 (1.2)	227 (1.2)	30 (1.7)	70 (1.7)	24 (1.3)	2 (0.3)	85 (3.7)	46	72 (1.1)	10 (0.7)
Vermont[6]	225 (1.2)	232 (1.6)	27 (2.0)	73 (2.0)	29 (2.2)	4 (0.7)	82 (5.5)	55	79 (1.4)	10 (1.1)
Virginia	223 (1.4)	230 (1.3)	27 (1.8)	73 (1.8)	25 (1.6)	2 (0.6)	68 (4.6)	52	73 (1.2)	20 (1.2)
Washington	225 (1.2)	— —	— —	— —	— —	— —	— —	—	— —	— —
West Virginia	223 (1.0)	225 (1.2)	32 (1.6)	68 (1.6)	18 (1.6)	1 (0.3)	80 (3.4)	57	68 (1.0)	18 (1.1)
Wisconsin	231 (1.0)	— —	— —	— —	— —	— —	— —	—	— —	— —
Wyoming	223 (1.4)	229 (1.3)	27 (2.0)	73 (2.0)	25 (1.5)	2 (0.5)	67 (7.5)	52	71 (1.2)	10 (0.8)
Department of Defense dependents schools:										
Domestic schools	224 (1.0)	228 (1.2)	30 (2.0)	70 (2.0)	24 (1.8)	3 (0.6)	84 (0.6)	52	71 (1.3)	21 (1.1)
Overseas schools	223 (0.7)	228 (0.7)	30 (1.2)	70 (1.2)	22 (1.1)	2 (0.3)	82 (0.7)	51	70 (1.0)	14 (0.6)
Outlying areas										
American Samoa	— —	157 (3.9)	95 (1.4)	5 (1.4)	(7) —	0 —	26 (2.6)	61	50 (2.8)	17 (1.9)
Guam	188 (1.3)	184 (2.3)	79 (1.8)	21 (1.8)	2 (0.6)	(7) —	81 (1.0)	60	61 (2.0)	16 (1.4)
Virgin Islands	— —	183 (2.8)	85 (3.2)	15 (3.2)	1 (0.6)	(7) —	80 (0.6)	56	58 (2.0)	29 (2.0)

—Not available.

[1] Achievement levels are in developmental status.

[2] This level denotes partial mastery of prerequisite knowledge and skills that are fundamental for proficient work at the 4th grade.

[3] This level represents solid academic mastery for 4th-graders. Students reaching this level have demonstrated competency over challenging subject matter, including subject-matter knowledge, application of such knowledge to real-world situations, and analytical skills appropriate to the subject matter.

[4] This level signifies superior performance.

[5] Percent of students who report spending 30 minutes, 45 minutes, 1 hour, and over 1 hour on mathematics homework each day.

[6] Did not meet one or more of the guidelines for school participation.

[7] Percentage between 0.0 and 0.5.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). Forty states, the District of Columbia, and three outlying areas participated in the 2000 State Assessment of 4th-graders and met student and school participation criteria for reporting results. Scale ranges from 0 to 500. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), *The Nation's Report Card: Mathematics, 2000;* and unpublished data, NAEP Data Tool (http://nces.ed.gov/naep3/NAEP data) prepared by Educational Testing Service. (This table was prepared October 2001.)

Table 128.—Mathematics proficiency of 8th-graders in public schools, by state: 1990 to 2000

State or other area	Average proficiency				Percent attaining mathematics achievement levels,[1] 2000				Average proficiency, by highest level of education attained by parents,[2] 2000			
	1990	1992	1996	2000	Below basic	Basic or above[3]	Proficient or above[4]	Advanced or above[5]	Did not finish high school	Graduated high school	Some education after high school	Graduated college
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**262 (1.4)**	**267 (1.0)**	**271 (1.2)**	**274 (0.8)**	**35 (0.9)**	**65 (0.9)**	**26 (1.0)**	**5 (0.5)**	**255 (1.4)**	**263 (1.2)**	**279 (1.0)**	**286 (1.1)**
Alabama	253 (1.1)	252 (1.7)	257 (2.1)	262 (1.8)	48 (2.1)	52 (2.1)	16 (1.6)	2 (0.5)	250 (2.8)	252 (2.0)	270 (2.5)	273 (3.1)
Alaska	— —	— —	278 (1.8)	— —	— —	— —	— —	— —	— —	— —	— —	— —
Arizona[6]	260 (1.3)	265 (1.3)	268 (1.6)	271 (1.5)	38 (1.9)	62 (1.9)	21 (1.6)	3 (0.5)	247 (4.2)	260 (2.7)	278 (1.7)	285 (2.1)
Arkansas	256 (0.9)	256 (1.2)	262 (1.5)	261 (1.4)	48 (1.9)	52 (1.9)	14 (1.2)	1 (0.4)	249 (3.2)	252 (2.4)	271 (1.8)	272 (1.6)
California[6]	256 (1.3)	261 (1.7)	263 (1.9)	262 (2.0)	48 (2.3)	52 (2.3)	18 (1.6)	3 (0.6)	244 (3.1)	251 (3.1)	270 (2.4)	281 (2.2)
Colorado	267 (0.9)	272 (1.0)	276 (1.1)	— —	— —	— —	— —	— —	— —	— —	— —	— —
Connecticut	270 (1.0)	274 (1.1)	280 (1.1)	282 (1.4)	28 (1.3)	72 (1.3)	34 (1.5)	6 (0.7)	242 (7.5)	267 (2.4)	279 (1.9)	295 (1.2)
Delaware	261 (0.9)	263 (1.0)	267 (0.9)	— —	— —	— —	— —	— —	— —	— —	— —	— —
District of Columbia	231 (0.9)	235 (0.9)	233 (1.3)	234 (2.2)	77 (2.0)	23 (2.0)	6 (0.8)	1 (0.4)	223 (6.7)	225 (2.6)	243 (3.5)	249 (3.5)
Florida	255 (1.2)	260 (1.5)	264 (1.8)	— —	— —	— —	— —	— —	— —	— —	— —	— —
Georgia	259 (1.3)	259 (1.2)	262 (1.6)	266 (1.3)	45 (1.7)	55 (1.7)	19 (1.1)	3 (0.4)	252 (2.4)	255 (1.6)	271 (1.8)	277 (1.6)
Hawaii	251 (0.8)	257 (0.9)	262 (1.0)	263 (1.3)	49 (1.3)	51 (1.3)	16 (1.3)	2 (0.4)	248 (4.4)	247 (2.1)	268 (1.9)	276 (1.6)
Idaho[6]	271 (0.8)	275 (0.7)	— —	278 (1.3)	29 (1.5)	71 (1.5)	27 (1.7)	3 (0.5)	250 (6.4)	266 (2.4)	284 (1.7)	288 (1.2)
Illinois[6]	261 (1.7)	— —	— —	277 (1.6)	32 (2.1)	68 (2.1)	27 (1.4)	4 (0.7)	256 (4.4)	268 (2.5)	280 (2.0)	287 (2.1)
Indiana[6]	267 (1.2)	270 (1.1)	276 (1.4)	283 (1.4)	24 (1.7)	76 (1.7)	31 (1.9)	5 (0.7)	264 (3.2)	272 (1.7)	288 (2.1)	293 (1.8)
Iowa	278 (1.1)	283 (1.0)	284 (1.3)	— —	— —	— —	— —	— —	— —	— —	— —	— —
Kansas[6]	— —	— —	— —	284 (1.4)	23 (1.7)	77 (1.7)	34 (1.9)	4 (0.8)	269 (4.2)	276 (2.2)	286 (2.3)	292 (1.7)
Kentucky	257 (1.2)	262 (1.1)	267 (1.1)	272 (1.4)	37 (1.7)	63 (1.7)	21 (1.5)	3 (0.5)	255 (3.5)	264 (1.5)	275 (1.8)	284 (2.2)
Louisiana	246 (1.2)	250 (1.7)	252 (1.6)	259 (1.5)	52 (1.8)	48 (1.8)	12 (1.2)	1 (0.4)	251 (2.2)	250 (2.2)	271 (1.7)	267 (2.1)
Maine[6]	— —	279 (1.0)	284 (1.3)	284 (1.2)	24 (1.5)	76 (1.5)	32 (1.4)	6 (0.7)	267 (3.6)	272 (1.9)	283 (2.2)	293 (1.2)
Maryland	261 (1.4)	265 (1.3)	270 (2.1)	276 (1.4)	35 (1.6)	65 (1.6)	29 (1.4)	6 (0.6)	256 (3.4)	263 (1.8)	279 (2.0)	286 (1.6)
Massachusetts	— —	273 (1.0)	278 (1.7)	283 (1.3)	24 (1.5)	76 (1.5)	32 (1.3)	6 (0.7)	261 (5.4)	271 (2.3)	284 (1.8)	294 (1.4)
Michigan[6]	264 (1.2)	267 (1.4)	277 (1.8)	278 (1.6)	30 (1.9)	70 (1.9)	28 (1.9)	5 (0.7)	254 (5.1)	269 (1.8)	280 (2.6)	288 (1.8)
Minnesota	275 (0.9)	282 (1.0)	284 (1.3)	288 (1.4)	20 (1.8)	80 (1.8)	40 (1.6)	7 (0.8)	— —	275 (3.1)	293 (2.0)	296 (1.3)
Mississippi	— —	246 (1.2)	250 (1.2)	254 (1.3)	59 (1.6)	41 (1.6)	8 (0.7)	1 (0.3)	243 (3.1)	246 (1.6)	261 (2.0)	262 (1.8)
Missouri	— —	271 (1.2)	273 (1.4)	274 (1.5)	33 (2.0)	67 (2.0)	22 (1.4)	2 (0.3)	259 (2.3)	265 (2.3)	275 (1.8)	284 (1.8)
Montana[6]	280 (0.9)	— —	283 (1.3)	287 (1.2)	20 (1.5)	80 (1.5)	37 (1.6)	6 (0.6)	— —	277 (2.2)	289 (1.8)	295 (1.6)
Nebraska	276 (1.0)	278 (1.1)	283 (1.0)	281 (1.1)	26 (1.6)	74 (1.6)	31 (1.6)	5 (0.7)	252 (3.1)	273 (2.0)	285 (2.0)	289 (1.2)
Nevada	— —	— —	— —	268 (0.9)	42 (1.1)	58 (1.1)	20 (0.9)	2 (0.4)	248 (2.5)	261 (1.4)	276 (1.5)	280 (1.2)
New Hampshire	273 (0.9)	278 (1.0)	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —
New Jersey	270 (1.1)	272 (1.6)	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —
New Mexico	256 (0.7)	260 (0.9)	262 (1.2)	260 (1.7)	50 (1.8)	50 (1.8)	13 (1.0)	1 (0.4)	241 (3.2)	248 (2.9)	266 (1.9)	275 (1.7)
New York[6]	261 (1.4)	266 (2.1)	270 (1.7)	276 (2.1)	32 (2.5)	68 (2.5)	26 (1.9)	4 (0.7)	253 (4.1)	270 (2.8)	276 (2.5)	285 (2.1)
North Carolina	250 (1.1)	258 (1.2)	268 (1.4)	280 (1.1)	30 (1.3)	70 (1.3)	30 (1.3)	6 (0.7)	261 (2.7)	268 (1.6)	282 (1.6)	291 (1.6)
North Dakota	281 (1.2)	283 (1.1)	284 (0.9)	283 (1.1)	23 (1.4)	77 (1.4)	31 (1.6)	4 (0.6)	— —	272 (3.7)	282 (2.3)	289 (1.3)
Ohio	264 (1.0)	268 (1.5)	— —	283 (1.5)	25 (1.9)	75 (1.9)	31 (1.7)	5 (0.7)	268 (3.1)	272 (1.8)	286 (1.6)	293 (1.8)
Oklahoma	263 (1.3)	268 (1.1)	— —	272 (1.5)	36 (1.9)	64 (1.9)	19 (1.2)	2 (0.3)	255 (3.5)	264 (2.0)	274 (1.5)	281 (1.6)
Oregon[6]	271 (1.0)	— —	276 (1.5)	281 (1.6)	29 (1.7)	71 (1.7)	32 (1.9)	6 (0.8)	255 (4.2)	270 (3.6)	285 (2.1)	292 (1.9)
Pennsylvania	266 (1.6)	271 (1.5)	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —
Rhode Island	260 (0.6)	266 (0.7)	269 (0.9)	273 (1.1)	36 (1.1)	64 (1.1)	24 (1.0)	4 (0.6)	251 (3.6)	264 (1.6)	275 (1.5)	284 (1.4)
South Carolina	— —	261 (1.0)	261 (1.5)	266 (1.4)	45 (1.9)	55 (1.9)	18 (1.2)	2 (0.4)	250 (3.3)	255 (1.7)	275 (1.5)	278 (2.2)
Tennessee	— —	259 (1.4)	263 (1.4)	263 (1.7)	47 (1.9)	53 (1.9)	17 (1.4)	2 (0.4)	246 (3.0)	254 (2.2)	273 (1.6)	275 (2.2)
Texas	258 (1.4)	265 (1.3)	270 (1.4)	275 (1.5)	32 (1.8)	68 (1.8)	24 (1.4)	3 (0.5)	259 (2.3)	267 (1.9)	285 (1.9)	287 (1.8)
Utah	— —	274 (0.7)	277 (1.0)	275 (1.2)	32 (1.4)	68 (1.4)	26 (1.2)	3 (0.4)	248 (4.2)	263 (2.8)	280 (1.8)	285 (1.3)
Vermont[6]	— —	— —	279 (1.0)	283 (1.1)	25 (1.7)	75 (1.7)	32 (1.5)	6 (0.6)	261 (5.6)	272 (2.3)	279 (2.4)	293 (1.5)
Virginia	264 (1.5)	268 (1.2)	270 (1.6)	277 (1.5)	33 (2.0)	67 (2.0)	26 (1.5)	5 (0.7)	257 (2.6)	261 (2.1)	276 (2.0)	289 (1.5)
Washington	— —	— —	276 (1.3)	— —	— —	— —	— —	— —	— —	— —	— —	— —
West Virginia	256 (1.0)	259 (1.0)	265 (1.0)	271 (1.0)	38 (1.2)	62 (1.2)	18 (0.9)	2 (0.4)	256 (2.3)	264 (1.2)	275 (1.5)	282 (1.5)
Wisconsin	274 (1.3)	278 (1.5)	283 (1.5)	— —	— —	— —	— —	— —	— —	— —	— —	— —
Wyoming	272 (0.7)	275 (0.9)	275 (0.9)	277 (1.2)	30 (1.4)	70 (1.4)	25 (1.1)	4 (0.5)	258 (4.0)	268 (2.5)	280 (1.7)	285 (1.2)
Department of Defense dependents schools:												
Domestic schools	— —	— —	269 (2.3)	277 (2.3)	33 (2.9)	67 (2.9)	27 (2.8)	6 (1.4)	— —	272 (4.1)	278 (2.8)	284 (3.7)
Overseas schools	— —	— —	275 (0.9)	278 (1.0)	29 (1.4)	71 (1.4)	27 (1.2)	4 (0.7)	— —	270 (3.9)	278 (1.7)	284 (1.6)
Outlying areas												
American Samoa	— —	— —	— —	195 (4.5)	93 (2.1)	7 (2.1)	1 —	(7) —	— —	196 (6.7)	— —	198 (4.6)
Guam	232 (0.7)	235 (1.0)	239 (1.7)	233 (2.2)	76 (1.5)	24 (1.5)	4 (0.8)	1 (0.3)	— —	225 (2.7)	243 (7.4)	244 (2.8)
Virgin Islands	219 (0.9)	223 (1.1)	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —

—Not available.

[1] Achievement levels are in developmental status.

[2] Excludes students who responded "I don't know" to the question about educational level of parents.

[3] This level denotes partial mastery of prerequisite knowledge and skills that are fundamental for proficient work at the 8th grade.

[4] This level represents solid academic performance for 8th-graders. Students reaching this level have demonstrated competency over challenging subject matter, including subject-matter knowledge, application of such knowledge to real-world situations, and analytical skills appropriate to the subject matter.

[5] This level signifies superior performance.

[6] Did not meet one or more of the guidelines for school participation.

[7] Percentage between 0.0 and 0.5.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). Thirty-nine states, the District of Columbia, and two outlying areas participated in the 2000 State Assessment of 8th-graders and met student and school participation criteria for reporting results. Scale ranges from 0 to 500. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), *The Nations Report Card: Mathematics, 2000;* and unpublished data, NAEP Data Tool (http://nces.ed.gov/naep3/NAEP data) prepared by Educational Testing Service and . (This table was prepared October 2001.)

Table 129.—Length of school year and selected statistics on mathematics education for students in public schools, by region and state: 1998 and 2000

Region and state	Math units required for graduation in 2000	Length of school year (in days)		High school exit exam required for graduation in 2000	Percent of 8th-grade students with 3 or more hours of math instruction each week	Percent of 8th-grade students reporting		
		1998	2000			Spending 30 minutes or more on math homework each day[1]	Positive attitudes toward math[2]	Watching 6 or more hours of television each day
1	2	3	4	5	6	7	8	9
Total	—	—	—	—	**89 (1.6)**	**58**	**76**	**12 (0.4)**
Region								
Northeast	—	—	—	—	91 (4.2)	56	76	15 (1.2)
Southeast	—	—	—	—	84 (3.3)	58	78	17 (0.9)
Central	—	—	—	—	87 (4.1)	58	74	9 (0.9)
West	—	—	—	—	92 (2.4)	62	76	10 (0.6)
State								
Alabama	4	175	175	Yes	81 (3.9)	58	78	19 (0.9)
Alaska	2	180	180	[3] Yes	(4) —	(4)	(4)	(4) —
Arizona	[5] 2	[5] 175	[5] 175	[3] Yes	95 (2.8)	63	73	11 (1.0)
Arkansas	3	178	178	No	77 (3.9)	58	77	18 (0.9)
California	2	175	175	[3] Yes	90 (3.0)	71	75	12 (1.1)
Colorado	(6)	(7)	(7)	No	(4) —	(4)	(4)	(4) —
Connecticut	3	180	180	No	95 (2.3)	59	76	11 (0.7)
Delaware	3	(7)	(7)	No	(4) —	0	(4)	(4) —
District of Columbia	[8] 3	[8] 180	[8] 180	—	92 (0.8)	63	81	34 (1.1)
Florida	3	180	180	Yes	(4) —	(4)	(4)	(4) —
Georgia	3	[8] 180	[9] 180	Yes	83 (4.2)	60	76	17 (1.0)
Hawaii	3	184	184	Yes	99 (0.0)	67	76	17 (0.8)
Idaho	4	180	180	No	93 (2.4)	54	78	8 (0.8)
Illinois	[9] 2	180	[9] 180	[3] Yes	81 (5.4)	62	77	13 (1.2)
Indiana	4	180	180	Yes	94 (2.9)	59	76	10 (1.0)
Iowa	(6)	180	180	No	(4) —	(4)	(4)	(4) —
Kansas	2	186	186	No	87 (4.6)	60	77	8 (0.8)
Kentucky	3	175	175	No	93 (2.5)	58	77	11 (0.9)
Louisiana	3	175	175	Yes	92 (3.3)	51	80	20 (1.0)
Maine	2	175	175	[3] Yes	92 (2.4)	61	77	6 (0.6)
Maryland	3	180	180	Yes	92 (2.8)	59	81	16 (1.0)
Massachusetts	(6)	180	180	[3] Yes	95 (2.0)	62	77	9 (0.8)
Michigan	(6)	180	180	No	89 (3.6)	59	75	12 (1.1)
Minnesota	(10)	(11)	(11)	[3] Yes	93 (3.1)	50	80	6 (0.9)
Mississippi	3	180	180	Yes	87 (2.7)	54	80	21 (0.9)
Missouri	2	174	174	No	95 (2.0)	53	76	12 (0.8)
Montana	2	180	180	No	87 (3.4)	62	79	5 (0.7)
Nebraska	(6)	(7)	(7)	No	95 (1.5)	59	81	8 (0.9)
Nevada	3	180	180	Yes	93 (1.2)	63	77	13 (0.6)
New Hampshire	2	180	180	No	(4) —	(4)	(4)	(4) —
New Jersey	3	[8] 180	180	Yes	(4) —	(4)	(4)	(4) —
New Mexico	3	180	180	Yes	84 (3.1)	62	76	11 (0.7)
New York	[8] 2	[8] 180	[8] 180	Yes	92 (3.6)	56	78	15 (1.3)
North Carolina	3	180	180	Yes	77 (4.7)	67	80	14 (1.0)
North Dakota	3	173	173	No	95 (1.4)	53	78	5 (0.5)
Ohio	2	182	182	Yes	93 (2.4)	57	78	12 (0.9)
Oklahoma	2	180	180	[3] Yes	89 (2.9)	57	75	13 (0.9)
Oregon	2	(7)	(7)	[3] Yes	81 (4.8)	58	72	8 (0.8)
Pennsylvania	(10)	180	180	No	(4) —	(4)	(4)	(4) —
Rhode Island	2	180	180	No	94 (0.8)	60	77	9 (0.7)
South Carolina	4	[8] 180	180	Yes	83 (3.7)	55	80	20 (0.9)
South Dakota	2	175	—	No	(4) —	(4)	(4)	(4) —
Tennessee	3	180	180	Yes	78 (3.7)	58	77	16 (0.9)
Texas	3	187	187	Yes	91 (2.9)	61	76	13 (0.9)
Utah	2	180	180	[3] Yes	95 (2.1)	52	70	6 (0.5)
Vermont	[12] 5	[8] 175	175	No	90 (2.0)	61	78	6 (0.7)
Virginia	3	180	180	[3] Yes	92 (2.9)	60	76	16 (1.0)
Washington	[9] 2	180	[9] 180	No	(4) —	(4)	(4)	(4) —
West Virginia	3	180	180	No	92 (2.3)	56	74	14 (0.9)
Wisconsin	2	180	180	No	(4) —	(4)	(4)	(4) —
Wyoming	3	175	175	No	97 (0.6)	59	74	8 (5.0)
Department of Defense dependents schools:								
Domestic schools	3	—	183	No	100 (13)	66	77	18 (1.7)
Overseas schools	3	—	183	No	97 (0.2)	66	76	12 (0.7)
Outlying areas								
American Samoa	—	—	—	—	13 (4.2)	70	76	13 (1.5)
Guam	—	(14)	—	—	61 (2.2)	64	79	17 (1.3)
Virgin Islands	2	180	—	—	(4) —	(4)	(4)	(4) —

—Not available.

[1] Percent of students who report spending 30 minutes, 45 minutes, 1 hour, and over 1 hour on mathematics homework each day. No standard errors are reported here for aggregated data.

[2] Percent of students agreeing or strongly agreeing with this statement: "Mathematics is useful for solving everyday problems." No standard errors are reported here for aggregated data.

[3] Policy under development or requirements to take effect after 2000.

[4] Not a participating jurisdiction in the NAEP 2000 state assessment program in mathematics.

[5] 1994 data.

[6] Local board determines policy.

[7] No statewide policy.

[8] 1996 data.

[9] 1998 data.

[10] Standards-based reform.

[11] Varies by district.

[12] Includes math and science courses.

[13] Standard error estimates cannot be accurately determined.

[14] No policy beyond course credits.

NOTE: Data are for 2000 unless otherwise specified. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), *2000 Mathematics Assessment*, prepared by Educational Testing Service (columns 6 to 9); and Council of Chief State School Officers, *Key State Education Policies on K–12 Education 1998 and 2000* (columns 2 to 5). (This table was prepared August 2001.)

Table 130.—Average science proficiency, by age and by selected characteristics of students: 1970 to 1999

Selected characteristics of students	1970[1]	1973	1977	1982	1986	1990	1992	1994	1996	1999
1	2	3	4	5	6	7	8	9	10	11
	9-year-olds									
Total	**225 (1.2)**	**220 (1.2)**	**219.9 (1.2)**	**220.8 (1.8)**	**224.3 (1.2)**	**228.7 (0.8)**	**230.6 (1.0)**	**231.0 (1.2)**	**229.7 (1.2)**	**229.4 (0.9)**
Male	228 (1.3)	223 (1.3)	222.1 (1.3)	221.0 (2.3)	227.3 (1.4)	230.3 (1.1)	234.7 (1.2)	232.2 (1.3)	231.5 (1.7)	230.9 (1.3)
Female	223 (1.2)	218 (1.2)	217.6 (1.2)	220.7 (2.0)	221.3 (1.4)	227.1 (1.0)	226.7 (1.0)	230.0 (1.4)	228.0 (1.5)	227.9 (1.1)
Race/ethnicity										
White, non-Hispanic	236 (0.9)	231 (0.9)	229.6 (0.9)	229.0 (1.9)	231.9 (1.2)	237.5 (0.8)	239.1 (1.0)	240.3 (1.3)	239.0 (1.4)	239.6 (0.9)
Black, non-Hispanic	179 (1.9)	177 (1.9)	174.8 (1.8)	187.0 (3.0)	196.2 (1.9)	196.4 (2.0)	200.3 (2.7)	201.4 (1.7)	201.9 (3.0)	198.9 (2.5)
Hispanic	— —	— —	191.9 (2.7)	189.0 (4.2)	199.4 (3.1)	206.2 (2.2)	204.7 (2.8)	201.0 (2.7)	207.1 (2.8)	206.1 (2.2)
Parental education										
Not high school graduate	— —	— —	198.5 (2.2)	198.2 (6.0)	203.6 (2.9)	209.8 (2.7)	217.2 (2.6)	211.4 (3.4)	210.4 (2.9)	212.7 (3.9)
Graduated high school	— —	— —	223.0 (1.4)	218.0 (3.3)	219.6 (1.5)	225.8 (1.7)	222.0 (1.9)	225.3 (1.4)	222.1 (2.3)	218.0 (1.9)
Some college	— —	— —	237.2 (1.5)	229.1 (3.2)	235.8 (2.6)	237.6 (2.1)	236.6 (2.4)	238.9 (2.8)	242.1 (2.9)	234.2 (3.1)
Graduated college	— —	— —	232.3 (1.4)	230.5 (2.3)	235.2 (1.4)	236.2 (1.3)	238.9 (1.2)	238.5 (1.4)	240.2 (1.6)	237.4 (1.1)
Type of school										
Public	— —	— —	218.0 (1.4)	219.7 (2.0)	222.6 (1.4)	227.7 (0.9)	229.1 (1.0)	229.5 (1.4)	228.5 (1.3)	228.0 (0.9)
Private	— —	— —	234.6 (2.2)	231.5 (3.2)	233.0 (2.9)	236.8 (2.4)	240.2 (2.7)	242.2 (2.8)	237.9 (4.1)	238.9 (2.6)
Region										
Northeast	230 (2.9)	222 (2.9)	224.4 (1.6)	221.8 (2.9)	228.2 (3.5)	231.1 (2.4)	234.4 (2.8)	234.6 (2.5)	233.6 (2.6)	237.8 (2.8)
Southeast	206 (1.6)	207 (1.6)	205.1 (2.9)	213.9 (3.6)	218.8 (3.1)	219.9 (1.9)	222.8 (1.7)	227.4 (2.2)	224.1 (3.4)	223.1 (3.2)
Central	233 (3.0)	228 (3.0)	225.2 (2.2)	226.3 (3.5)	227.9 (2.2)	234.2 (1.7)	237.5 (1.8)	236.2 (2.7)	233.7 (2.4)	233.0 (1.8)
West	226 (2.2)	221 (2.2)	220.9 (2.2)	219.9 (4.1)	222.1 (3.2)	229.5 (1.8)	227.4 (2.2)	226.4 (2.7)	228.0 (1.9)	224.3 (1.4)
	13-year-olds									
Total	**255 (1.1)**	**250 (1.1)**	**247.4 (1.1)**	**250.1 (1.3)**	**251.4 (1.4)**	**255.2 (0.9)**	**258.0 (0.8)**	**256.8 (1.0)**	**256.0 (1.0)**	**255.8 (0.7)**
Male	257 (1.3)	252 (1.3)	251.1 (1.3)	255.6 (1.5)	256.1 (1.6)	258.5 (1.1)	260.1 (1.2)	259.4 (1.2)	260.5 (1.0)	258.7 (0.9)
Female	253 (1.2)	247 (1.2)	243.7 (1.2)	245.0 (1.3)	246.9 (1.5)	251.8 (1.1)	256.0 (1.0)	254.3 (1.2)	251.7 (1.3)	252.9 (1.0)
Race/ethnicity										
White, non-Hispanic	263 (0.8)	259 (0.8)	256.1 (0.8)	257.3 (1.1)	259.2 (1.4)	264.1 (0.9)	267.1 (1.0)	266.5 (1.0)	265.9 (1.1)	265.8 (0.8)
Black, non-Hispanic	215 (2.4)	205 (2.4)	208.1 (2.4)	217.1 (1.3)	221.6 (2.5)	225.7 (3.1)	224.4 (2.7)	223.9 (4.2)	225.7 (2.1)	226.9 (2.4)
Hispanic	— —	— —	213.4 (1.9)	225.5 (3.9)	226.1 (3.1)	231.6 (2.6)	237.5 (2.6)	232.1 (2.4)	232.2 (2.5)	227.2 (1.9)
Parental education										
Not high school graduate	— —	— —	223.5 (1.3)	225.3 (1.9)	229.4 (2.7)	232.9 (2.1)	233.8 (2.9)	234.3 (2.5)	229.8 (3.1)	229.3 (2.8)
Graduated high school	— —	— —	245.3 (1.1)	243.1 (1.3)	244.8 (1.4)	247.3 (1.3)	246.4 (1.4)	247.1 (1.2)	247.6 (1.7)	243.2 (1.4)
Some college	— —	— —	260.3 (1.3)	258.8 (1.5)	257.8 (1.4)	262.8 (1.2)	265.9 (1.1)	260.4 (2.0)	260.6 (1.4)	260.9 (1.3)
Graduated college	— —	— —	266.4 (1.0)	263.5 (1.5)	264.4 (1.9)	267.5 (1.1)	269.2 (1.0)	268.8 (1.3)	266.4 (1.2)	267.7 (1.0)
Type of school										
Public	— —	— —	245.2 (1.2)	248.5 (1.4)	250.9 (1.4)	253.6 (1.1)	257.2 (1.0)	255.4 (1.1)	254.5 (1.1)	254.0 (1.1)
Private	— —	— —	267.7 (2.1)	263.7 (3.2)	263.1 (6.4)	269.0 (1.8)	264.5 (2.4)	267.6 (2.6)	267.8 (5.0)	269.3 (2.7)
Region										
Northeast	261 (2.2)	256 (2.2)	255.2 (2.3)	254.1 (2.1)	257.6 (3.1)	256.8 (2.7)	256.8 (2.2)	262.7 (1.7)	254.7 (3.0)	257.6 (2.4)
Southeast	239 (2.4)	237 (2.4)	235.1 (1.8)	238.7 (2.3)	247.1 (2.2)	251.3 (1.9)	254.2 (2.8)	252.6 (2.6)	250.8 (2.7)	251.0 (2.2)
Central	262 (1.8)	256 (1.8)	253.8 (1.8)	253.8 (2.6)	249.4 (5.3)	260.4 (2.8)	262.5 (2.1)	261.1 (3.5)	265.7 (1.8)	259.9 (1.9)
West	255 (1.8)	248 (1.8)	243.0 (2.3)	252.4 (2.8)	252.3 (2.7)	252.6 (2.1)	258.0 (1.6)	252.2 (2.1)	253.6 (1.8)	254.2 (1.5)
	17-year-olds									
Total	**305 (1.0)**	**296 (1.0)**	**289.5 (1.0)**	**283.3 (1.2)**	**288.5 (1.4)**	**290.4 (1.1)**	**294.1 (1.3)**	**294.0 (1.6)**	**295.7 (1.2)**	**295.3 (1.3)**
Male	314 (1.2)	304 (1.2)	297.0 (1.2)	291.9 (1.4)	294.9 (1.9)	295.6 (1.3)	299.1 (1.7)	299.5 (2.0)	299.7 (1.6)	300.4 (1.6)
Female	297 (1.1)	288 (1.1)	282.2 (1.1)	275.2 (1.3)	282.3 (1.5)	285.4 (1.6)	289.0 (1.5)	288.9 (1.7)	291.8 (1.4)	290.6 (1.5)
Race/ethnicity										
White, non-Hispanic	312 (0.8)	304 (0.8)	297.7 (0.7)	293.1 (1.0)	297.5 (1.7)	300.9 (1.1)	304.2 (1.3)	306.0 (1.5)	306.8 (1.2)	306.2 (1.3)
Black, non-Hispanic	258 (1.5)	250 (1.5)	240.2 (1.5)	234.7 (1.7)	252.8 (2.9)	253.0 (4.5)	256.2 (3.2)	256.8 (3.1)	260.3 (2.4)	254.4 (2.9)
Hispanic	— —	— —	262.3 (2.2)	248.7 (2.3)	259.3 (3.8)	261.5 (4.4)	270.2 (5.6)	261.4 (6.7)	269.3 (3.3)	276.0 (4.2)
Parental education										
Not high school graduate	— —	— —	265.3 (1.3)	258.5 (2.4)	257.5 (3.1)	261.4 (2.8)	262.0 (3.8)	255.8 (4.2)	259.3 (4.0)	264.0 (3.7)
Graduated high school	— —	— —	284.4 (0.8)	275.2 (1.6)	277.0 (2.0)	276.3 (1.4)	280.2 (2.4)	279.2 (1.7)	282.2 (2.5)	280.8 (2.0)
Some college	— —	— —	295.6 (1.1)	290.1 (1.7)	295.1 (2.5)	296.5 (1.6)	295.9 (1.7)	294.8 (1.9)	297.1 (1.9)	296.5 (2.1)
Graduated college	— —	— —	309.3 (1.0)	300.2 (1.7)	303.8 (2.1)	305.5 (1.7)	308.3 (1.3)	310.6 (1.6)	307.8 (1.5)	307.2 (1.5)
Type of school										
Public	— —	— —	288.2 (1.0)	282.3 (1.1)	287.1 (1.6)	289.0 (1.1)	292.2 (1.3)	291.7 (1.5)	294.9 (1.2)	293.4 (1.3)
Private	— —	— —	308.4 (2.4)	292.0 (2.9)	321.3 (10.1)	307.8 (6.6)	311.7 (3.7)	310.4 (4.8)	303.6 (5.5)	311.4 (4.9)
Region										
Northeast	308 (2.5)	298 (2.5)	296.3 (2.2)	284.4 (2.0)	292.2 (4.3)	292.6 (3.2)	300.1 (2.4)	298.9 (4.2)	296.0 (3.3)	300.6 (3.2)
Southeast	287 (2.3)	283 (2.3)	276.4 (1.9)	276.3 (2.7)	283.5 (2.0)	283.6 (2.4)	283.0 (2.5)	287.8 (2.8)	287.8 (3.1)	286.1 (2.7)
Central	308 (1.9)	300 (1.9)	294.0 (1.5)	289.3 (2.6)	294.4 (2.3)	299.6 (3.0)	304.2 (2.7)	297.8 (3.7)	307.3 (2.6)	296.2 (2.4)
West	308 (1.7)	295 (1.7)	286.5 (1.5)	280.9 (2.7)	283.2 (3.8)	285.8 (2.3)	290.4 (3.8)	291.8 (4.1)	291.7 (2.4)	297.8 (2.7)

—Not available.

[1] Data for 17-year-olds are for 1969.

NOTE: All age groups exclude persons not enrolled in school. These test scores are from the National Assessment of Educational Progress (NAEP). Performers at the 150 level know some general scientific facts of the type that could be learned from everyday experiences. Performers at the 200 level are developing some understanding of simple scientific principles, particularly in the life sciences. Performers at the 250 level can interpret data from simple tables and make inferences about the outcomes of experimental procedures. They exhibit knowledge and understanding of the life sciences and also demonstrate some knowledge of basic information from the physical sciences. Performers at the 300 level can evaluate the appropriateness of the design of an experiment and have the skill to apply their scientific knowledge in interpreting information from text and graphs. These students also exhibit a growing understanding of principles from the physical sciences. Performers at the 350 level can infer relationships and draw conclusions using detailed scientific knowledge from the physical sciences, particularly chemistry. They also can apply basic principles of genetics and interpret the societal implications of research in this field. Scale ranges from 0 to 500. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared November 2001.)

Table 131.—Percent of students at or above selected science proficiency levels, by sex, race/ethnicity, control of school, and age: 1977 to 1999

Sex, race/ethnicity, control, and year	9-year-olds [1]				13-year-olds [2]				17-year-olds [2]			
	Know everyday science facts [3]	Understand simple scientific principles [4]	Apply general scientific information [5]	Analyze scientific procedures and data [6]	Understand simple scientific principles [4]	Apply general scientific information [5]	Analyze scientific procedures and data [6]	Integrate specialized scientific information [7]	Understand simple scientific principles [4]	Apply general scientific information [5]	Analyze scientific procedures and data [6]	Integrate specialized scientific information [7]
1	2	3	4	5	6	7	8	9	10	11	12	13
Total												
1977	93.5 (0.6)	68.0 (1.1)	25.7 (0.7)	3.2 (0.3)	86.0 (0.7)	48.8 (1.1)	11.1 (0.5)	0.7 (0.1)	97.1 (0.2)	81.6 (0.7)	41.7 (0.9)	8.5 (0.4)
1982	95.2 (0.7)	70.7 (1.9)	24.3 (1.8)	2.3 (0.7)	89.8 (0.8)	50.9 (1.6)	9.6 (0.7)	0.4 (0.1)	95.7 (0.5)	76.6 (1.0)	37.3 (0.9)	7.1 (0.4)
1986	96.2 (0.3)	72.0 (1.1)	27.5 (1.4)	3.0 (0.5)	91.6 (1.0)	52.5 (1.6)	9.1 (0.9)	0.2 (0.1)	97.1 (0.5)	80.7 (1.3)	41.3 (1.4)	7.9 (0.7)
1990	97.0 (0.3)	76.4 (0.9)	31.1 (0.8)	3.1 (0.3)	92.3 (0.7)	56.5 (1.0)	11.2 (0.6)	0.4 (0.1)	96.7 (0.3)	81.2 (0.9)	43.3 (1.3)	9.2 (0.5)
1992	97.4 (0.3)	78.0 (1.2)	32.8 (1.0)	3.4 (0.3)	93.1 (0.5)	61.3 (1.1)	12.0 (0.8)	0.2 (0.1)	97.8 (0.5)	83.3 (1.2)	46.6 (1.5)	10.1 (0.7)
1994	97.2 (0.4)	77.4 (1.0)	33.7 (1.2)	3.8 (0.4)	92.4 (0.6)	59.5 (1.1)	11.8 (0.9)	0.2 (0.1)	97.1 (0.7)	83.1 (1.2)	47.5 (1.3)	10.0 (0.8)
1996	96.8 (0.4)	76.1 (1.2)	32.2 (1.3)	4.4 (0.4)	92.0 (0.8)	57.6 (1.1)	12.3 (0.7)	0.4 (0.2)	97.8 (0.3)	83.8 (0.9)	48.4 (1.3)	10.8 (1.0)
1999	97.0 (0.3)	77.4 (0.8)	31.4 (1.0)	3.0 (0.4)	92.7 (0.4)	57.9 (1.0)	10.9 (0.7)	0.2 (0.1)	98.0 (0.3)	85.0 (1.1)	47.4 (1.4)	9.7 (0.7)
Male												
1977	94.3 (0.5)	69.5 (1.2)	27.4 (0.9)	3.7 (0.3)	87.2 (0.8)	52.3 (1.3)	13.1 (0.6)	0.9 (0.2)	97.8 (0.2)	85.2 (0.7)	48.8 (1.1)	11.8 (0.6)
1982	95.0 (1.0)	69.7 (2.0)	25.6 (2.6)	2.5 (1.0)	91.9 (0.8)	56.2 (1.8)	12.6 (1.1)	0.5 (0.2)	96.8 (0.5)	81.2 (1.2)	45.2 (1.2)	10.4 (0.8)
1986	96.8 (0.5)	74.1 (1.4)	29.9 (2.0)	3.8 (0.6)	92.9 (1.0)	57.3 (2.1)	11.9 (1.3)	0.3 (0.2)	97.4 (0.7)	82.4 (1.4)	48.8 (2.1)	11.4 (1.3)
1990	96.8 (0.5)	76.3 (1.2)	33.1 (1.1)	4.2 (0.6)	92.7 (0.8)	59.8 (1.3)	14.0 (0.9)	0.6 (0.2)	96.8 (0.5)	82.5 (1.2)	48.2 (1.6)	13.0 (0.8)
1992	97.7 (0.3)	80.4 (1.4)	37.2 (1.7)	4.6 (0.6)	93.1 (0.8)	62.9 (1.4)	14.2 (1.1)	0.3 (0.1)	98.0 (0.6)	85.0 (1.4)	50.9 (2.0)	13.6 (1.0)
1994	97.1 (0.4)	77.6 (0.9)	35.3 (1.4)	4.5 (0.7)	92.2 (0.8)	62.0 (1.3)	14.8 (1.1)	0.3 (0.2)	97.1 (0.6)	84.9 (1.3)	52.9 (1.8)	13.8 (1.2)
1996	96.9 (0.5)	76.8 (1.8)	33.9 (1.9)	5.2 (0.7)	93.2 (0.9)	61.7 (1.4)	15.5 (0.9)	0.7 (0.2)	97.5 (0.5)	83.8 (1.1)	53.1 (1.5)	14.2 (1.4)
1999	97.1 (0.5)	77.8 (1.3)	33.4 (1.3)	3.7 (0.6)	93.0 (0.6)	61.0 (1.2)	13.1 (1.2)	0.2 —	98.0 (0.5)	85.6 (1.5)	52.7 (1.6)	12.9 (1.2)
Female												
1977	92.8 (0.7)	66.5 (1.1)	24.0 (0.9)	2.6 (0.3)	84.7 (0.8)	45.4 (1.2)	9.0 (0.5)	0.4 (0.1)	96.4 (0.3)	78.0 (1.0)	34.8 (1.0)	5.3 (0.4)
1982	95.5 (1.2)	71.8 (2.2)	23.0 (2.0)	2.1 (0.6)	87.9 (1.0)	46.0 (1.6)	6.9 (0.7)	0.2 (0.1)	94.6 (0.8)	72.2 (1.3)	29.9 (1.2)	3.9 (0.4)
1986	95.6 (0.6)	70.0 (1.3)	25.1 (1.4)	2.2 (0.5)	90.3 (1.2)	47.7 (1.7)	6.3 (1.1)	0.1 (0.1)	96.9 (0.5)	79.1 (1.7)	34.1 (1.5)	4.5 (0.8)
1990	97.1 (0.4)	76.4 (1.1)	29.1 (1.0)	2.0 (0.3)	92.0 (0.8)	53.3 (1.4)	8.5 (0.6)	0.2 —	96.6 (0.6)	79.9 (1.4)	38.7 (1.7)	5.5 (0.5)
1992	97.1 (0.5)	75.7 (1.2)	28.6 (1.1)	2.2 (0.3)	93.1 (0.7)	59.6 (1.4)	9.9 (0.8)	0.2 —	97.5 (0.7)	81.6 (1.4)	42.0 (1.7)	6.6 (1.0)
1994	97.3 (0.5)	77.2 (1.4)	32.2 (1.5)	3.2 (0.4)	92.6 (0.6)	57.1 (1.4)	8.8 (1.0)	0.1 —	97.2 (1.0)	81.6 (1.6)	42.4 (1.8)	6.4 (0.6)
1996	96.6 (0.6)	75.5 (1.0)	30.7 (1.9)	3.6 (0.6)	90.9 (1.2)	53.8 (1.5)	9.2 (0.8)	0.2 —	98.1 (0.4)	83.7 (1.1)	43.9 (1.7)	7.4 (1.0)
1999	97.0 (0.5)	77.0 (1.3)	29.5 (1.3)	2.4 (0.4)	92.4 (0.6)	54.7 (1.7)	8.8 (0.8)	0.1 —	98.0 (0.5)	84.5 (1.4)	42.5 (1.7)	6.8 (0.8)
White, non-Hispanic												
1977	97.7 (0.3)	76.8 (0.7)	30.8 (0.7)	3.9 (0.3)	92.2 (0.5)	56.5 (0.9)	13.4 (0.5)	0.8 (0.1)	99.2 (0.1)	88.2 (0.4)	47.5 (0.7)	10.0 (0.4)
1982	98.3 (0.4)	78.4 (2.0)	29.4 (2.1)	2.9 (0.9)	94.4 (0.6)	58.3 (1.4)	11.5 (0.8)	0.4 (0.1)	98.6 (0.2)	84.9 (0.9)	43.9 (1.1)	8.6 (0.6)
1986	98.2 (0.3)	78.9 (1.0)	32.7 (1.5)	3.8 (0.6)	96.1 (0.8)	61.0 (1.7)	11.3 (1.2)	0.3 (0.1)	98.8 (0.3)	87.8 (1.4)	48.7 (1.7)	9.6 (0.9)
1990	99.2 (0.2)	84.4 (0.7)	37.5 (1.1)	3.9 (0.4)	96.9 (0.4)	66.5 (1.2)	14.2 (0.8)	0.5 (0.1)	99.0 (0.2)	89.6 (0.8)	51.2 (1.5)	11.4 (0.7)
1992	99.2 (0.1)	85.5 (0.9)	39.4 (1.1)	4.3 (0.4)	97.9 (0.4)	71.1 (1.3)	15.0 (1.0)	0.3 (0.1)	99.3 (0.3)	90.5 (1.0)	55.4 (1.7)	12.8 (0.9)
1994	99.1 (0.3)	85.6 (1.0)	40.8 (1.5)	4.9 (0.6)	97.6 (0.4)	70.5 (1.1)	14.8 (1.0)	0.3 (0.1)	99.3 (0.3)	91.5 (0.9)	57.5 (1.6)	13.2 (1.1)
1996	98.6 (0.3)	83.8 (1.2)	39.6 (1.5)	5.9 (0.5)	97.0 (0.5)	68.5 (1.2)	15.9 (0.8)	0.6 (0.2)	99.3 (0.3)	91.2 (0.7)	58.5 (1.6)	13.8 (1.4)
1999	99.3 (0.2)	86.7 (0.7)	39.2 (1.3)	4.1 (0.5)	97.5 (0.3)	69.4 (1.0)	14.3 (1.0)	0.2 —	99.4 (0.2)	92.6 (0.8)	57.2 (2.0)	12.4 (0.7)
Black, non-Hispanic												
1977	72.4 (1.8)	27.2 (1.5)	3.5 (0.6)	0.2 —	57.3 (2.4)	14.9 (1.7)	1.2 (0.4)	0.0 —	83.6 (1.3)	40.5 (1.5)	7.7 (1.0)	0.4 (0.2)
1982	82.1 (3.0)	38.9 (2.7)	3.9 (1.3)	0.1 —	68.6 (2.4)	17.1 (1.9)	0.8 (0.3)	0.0 —	79.7 (1.9)	35.0 (2.1)	6.5 (1.1)	0.2 (0.2)
1986	88.6 (1.4)	46.2 (2.3)	8.3 (1.5)	0.3 —	73.6 (3.0)	19.6 (2.8)	1.1 (0.4)	0.0 —	90.9 (2.1)	52.2 (3.2)	12.5 (2.2)	0.9 (0.6)
1990	88.0 (1.3)	46.4 (3.1)	8.5 (1.1)	0.1 —	77.6 (3.6)	24.3 (3.3)	1.5 (0.5)	0.1 —	88.3 (1.9)	51.4 (3.7)	15.7 (4.0)	1.5 (0.8)
1992	90.7 (1.8)	51.3 (3.5)	9.2 (1.4)	0.3 —	73.8 (2.8)	26.2 (2.8)	1.8 (0.8)	0.0 —	92.1 (1.8)	55.7 (3.7)	14.1 (2.5)	0.8 —
1994	91.0 (1.5)	51.6 (2.3)	11.1 (1.4)	0.2 —	73.5 (3.2)	22.4 (4.3)	2.2 —	0.0 —	91.1 (1.9)	58.1 (3.7)	15.4 (2.3)	0.5 (0.3)
1996	91.0 (1.6)	52.2 (3.4)	10.6 (2.0)	0.3 —	75.9 (2.7)	25.5 (2.2)	1.9 (0.9)	0.0 —	93.0 (1.2)	59.8 (3.2)	17.7 (2.7)	0.8 (0.5)
1999	88.9 (1.6)	49.2 (2.6)	9.5 (1.6)	0.3 —	79.1 (2.4)	24.9 (3.6)	1.1 (0.4)	0.0 —	91.9 (1.7)	54.8 (3.4)	12.4 (2.2)	0.4 —
Hispanic												
1977	84.6 (1.8)	42.0 (3.1)	8.8 (1.7)	0.3 —	62.2 (2.4)	18.1 (1.8)	1.8 (0.8)	0.0 —	93.1 (1.7)	61.5 (1.7)	18.5 (2.1)	1.8 (0.6)
1982	85.1 (3.1)	40.2 (6.1)	4.2 (2.7)	0.0 —	75.5 (3.3)	24.1 (5.1)	2.4 (0.9)	0.0 —	86.9 (2.9)	48.0 (2.7)	11.1 (2.0)	1.4 (0.9)
1986	89.6 (2.4)	50.1 (3.7)	10.7 (2.4)	0.2 —	76.7 (3.2)	24.9 (4.3)	1.5 (0.7)	0.0 —	93.3 (2.4)	60.0 (7.2)	14.8 (2.9)	1.1 (0.7)
1990	93.6 (1.5)	56.3 (3.7)	11.6 (2.1)	0.4 —	80.2 (2.9)	30.0 (2.8)	3.3 (0.8)	0.1 —	91.9 (2.2)	59.9 (5.0)	21.1 (3.3)	2.1 —
1992	92.4 (1.7)	55.5 (4.3)	11.7 (1.8)	0.4 —	86.2 (2.6)	36.5 (2.9)	3.3 (1.3)	0.0 —	94.6 (2.6)	68.3 (6.6)	23.0 (3.8)	2.5 (1.2)
1994	91.1 (2.3)	49.9 (3.1)	10.8 (2.5)	0.7 (0.5)	81.2 (2.5)	31.6 (3.3)	2.4 (0.9)	0.0 —	89.9 (3.3)	58.6 (7.4)	21.7 (4.1)	1.5 (0.7)
1996	92.6 (1.9)	57.8 (3.1)	13.1 (3.1)	0.4 —	81.0 (2.8)	30.9 (3.3)	3.2 (1.0)	0.0 —	94.1 (1.6)	67.6 (4.5)	23.9 (2.5)	3.0 (1.4)
1999	94.2 (1.8)	56.3 (2.5)	11.6 (1.6)	0.3 —	78.3 (2.3)	24.7 (2.2)	1.8 (0.6)	0.0 —	96.9 (2.0)	73.3 (4.2)	27.2 (4.5)	4.7 (1.6)
Public												
1977	93.0 (0.7)	66.4 (1.3)	24.5 (0.9)	2.9 (0.3)	84.9 (0.8)	46.7 (1.2)	10.2 (0.5)	0.6 (0.1)	97.0 (0.2)	80.8 (0.7)	40.5 (0.8)	8.1 (0.4)
1982	94.9 (0.8)	69.5 (2.1)	23.9 (2.1)	2.3 (0.7)	89.2 (0.9)	49.2 (1.8)	8.9 (0.8)	0.3 (0.1)	95.4 (0.6)	75.8 (1.0)	36.6 (0.9)	6.9 (0.4)
1986	95.8 (0.4)	70.5 (1.3)	26.3 (1.5)	2.8 (0.6)	91.3 (1.0)	51.9 (1.7)	8.9 (0.9)	0.2 (0.1)	97.0 (0.5)	80.1 (1.4)	39.9 (1.5)	7.2 (0.7)
1990	96.7 (0.4)	75.5 (1.0)	30.3 (0.8)	3.0 (0.4)	91.6 (0.8)	54.7 (1.2)	10.7 (0.7)	0.4 (0.1)	96.5 (0.4)	80.4 (0.9)	42.0 (1.3)	8.7 (0.5)
1992	97.1 (0.4)	76.7 (1.3)	31.5 (1.0)	3.2 (0.3)	92.7 (0.5)	60.2 (1.2)	11.9 (0.9)	0.3 (0.1)	97.5 (0.5)	82.0 (1.2)	44.8 (1.5)	9.6 (0.8)
1994	96.9 (0.4)	76.1 (1.2)	32.5 (1.4)	3.6 (0.5)	91.9 (0.6)	57.8 (1.2)	11.3 (0.9)	0.2 (0.1)	96.8 (0.7)	81.7 (1.3)	45.3 (1.1)	9.4 (0.5)
1996	96.7 (0.5)	75.3 (1.3)	30.9 (1.4)	4.1 (0.3)	91.5 (0.8)	56.0 (1.3)	11.5 (0.8)	0.4 (0.2)	97.7 (0.4)	83.2 (1.0)	47.7 (1.3)	10.5 (1.0)
1999	96.7 (0.4)	76.1 (1.1)	30.4 (0.9)	2.8 (0.4)	92.0 (0.5)	55.7 (1.3)	10.1 (0.9)	0.1 —	97.8 (0.3)	83.8 (1.1)	45.7 (1.5)	9.2 (0.7)
Private												
1977	98.1 (0.6)	80.3 (1.7)	35.6 (1.9)	5.1 (1.1)	95.7 (1.0)	68.8 (2.6)	19.6 (1.9)	1.6 (0.3)	99.5 (0.2)	92.9 (1.2)	56.9 (2.8)	14.8 (1.9)
1982	98.9 —	82.6 (3.5)	28.2 (5.6)	2.1 (1.2)	95.0 (1.5)	65.8 (4.1)	16.0 (2.4)	0.8 (0.5)	97.9 (0.7)	83.5 (2.8)	44.2 (2.6)	8.5 (2.3)
1986	98.2 (0.7)	79.7 (2.3)	33.8 (2.8)	4.0 (0.7)	97.3 (1.8)	66.8 (8.2)	12.8 (3.6)	0.3 —	99.8 —	96.5 (2.2)	74.6 (10.9)	23.1 (7.7)
1990	98.7 —	83.6 (2.4)	37.2 (3.0)	3.9 (1.0)	98.4 (0.8)	72.0 (2.6)	16.2 (1.5)	0.5 —	99.5 —	90.6 (4.1)	59.8 (6.7)	15.8 (3.2)
1992	99.2 —	86.2 (2.0)	40.6 (3.4)	4.6 (1.3)	96.4 (1.1)	68.9 (3.1)	13.2 (2.0)	0.1 —	100.0 —	95.5 (2.0)	63.1 (5.3)	14.1 (2.7)
1994	99.3 (0.4)	87.1 (2.4)	42.7 (2.8)	5.6 (1.0)	96.5 (1.4)	72.7 (3.2)	15.5 (2.6)	0.1 —	99.3 (0.4)	93.1 (2.3)	62.7 (5.2)	14.8 (4.0)
1996	97.2 (1.2)	81.6 (3.2)	41.1 (3.7)	6.5 (2.2)	96.0 (2.1)	70.6 (5.4)	18.2 (3.0)	1.0 —	99.0 —	90.1 (3.0)	56.3 (7.0)	13.0 (3.1)
1999	99.2 (0.5)	86.2 (3.0)	38.2 (4.2)	4.5 (1.2)	97.9 (1.2)	74.1 (2.8)	17.3 (2.5)	0.3 —	99.6 —	94.9 (3.2)	62.2 (4.2)	14.0 (2.9)

—Not available.

[1] Virtually no students were able to integrate specialized scientific information.

[2] Virtually all students knew everyday science facts.

[3] Scale score of 150 or above.

[4] Scale score of 200 or above.

[5] Scale score of 250 or above.

[6] Scale score of 300 or above.

[7] Scale score of 350 or above.

NOTE: Science proficiency levels measured by the National Assessment of Educational Progress (NAEP). Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Assessment of Educational Progress, *NAEP Trends in Academic Progress*, various years, by Educational Testing Service. (This table was prepared November 2001.)

Table 132.—Average proficiency in science for 8th-graders in public schools, by selected characteristics and state: 1996

State	Average	Sex		Race/ethnicity					Parental education[1]			
		Male	Female	White	Black	Hispanic	Asian	American Indian/ Alaskan Native	Did not finish high school	Graduated high school	Some education after high school	Graduated college
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**148 (0.9)**	**149 (1.1)**	**148 (1.2)**	**159 (1.1)**	**120 (1.2)**	**127 (1.8)**	**150 (3.3)**	**148 (4.2)**	**131 (2.0)**	**140 (1.5)**	**155 (1.2)**	**157 (1.3)**
Alabama	139 (1.6)	138 (2.0)	139 (1.7)	151 (1.5)	117 (1.8)	107 (7.6)	(2) (2)	(2) (2)	130 (3.0)	129 (2.0)	145 (1.7)	147 (2.3)
Alaska[3]	153 (1.3)	155 (1.5)	150 (1.8)	162 (1.2)	(2) (2)	137 (4.6)	152 (3.8)	129 (3.4)	(2) (2)	141 (3.1)	155 (1.5)	163 (1.3)
Arizona	145 (1.6)	147 (1.8)	143 (1.7)	157 (1.3)	124 (3.3)	129 (2.1)	(2) (2)	121 (8.6)	121 (3.1)	136 (2.1)	151 (1.7)	158 (1.4)
Arkansas[3]	144 (1.3)	147 (1.8)	142 (1.5)	154 (1.5)	116 (2.5)	122 (5.8)	(2) (2)	(2) (2)	129 (3.3)	136 (1.9)	150 (1.9)	154 (2.0)
California	138 (1.7)	140 (2.0)	136 (1.9)	156 (1.7)	121 (3.4)	121 (1.9)	148 (3.6)	(2) (2)	118 (2.7)	129 (2.5)	144 (2.0)	153 (2.0)
Colorado	155 (0.9)	156 (1.2)	153 (1.1)	162 (0.8)	142 (2.2)	135 (2.3)	155 (4.8)	142 (4.3)	133 (3.9)	142 (1.9)	157 (1.6)	163 (0.9)
Connecticut	155 (1.3)	156 (1.4)	155 (1.5)	165 (1.0)	121 (4.4)	122 (2.6)	163 (3.7)	(2) (2)	129 (3.8)	140 (2.3)	155 (1.7)	167 (1.2)
Delaware	142 (0.8)	143 (1.4)	140 (1.0)	152 (0.8)	122 (1.8)	116 (4.1)	(2) (2)	(2) (2)	121 (4.5)	135 (1.8)	146 (1.4)	151 (1.4)
District of Columbia	113 (0.7)	113 (1.2)	113 (1.4)	(2)(2)	112 (0.9)	98 (3.3)	(2) (2)	(2) (2)	106 (3.1)	107 (1.8)	120 (2.5)	121 (1.6)
Florida	142 (1.6)	144 (1.6)	140 (2.0)	155 (1.5)	119 (2.7)	129 (2.2)	(2) (2)	(2) (2)	127 (3.4)	132 (2.3)	148 (1.5)	150 (2.0)
Georgia	142 (1.4)	144 (1.8)	139 (1.5)	155 (1.2)	122 (1.4)	128 (4.2)	(2) (2)	(2) (2)	127 (2.4)	129 (2.1)	145 (1.6)	153 (2.2)
Hawaii	135 (0.7)	135 (1.0)	135 (1.0)	146 (1.8)	128 (4.4)	121 (1.8)	138 (1.1)	(2) (2)	119 (5.3)	120 (2.3)	139 (1.9)	147 (1.1)
Indiana	153 (1.4)	154 (1.7)	152 (1.5)	158 (1.3)	125 (3.3)	139 (2.1)	(2) (2)	(2) (2)	139 (2.9)	144 (1.9)	156 (1.7)	162 (1.9)
Iowa[3]	158 (1.2)	159 (1.3)	157 (1.4)	160 (1.1)	131 (3.6)	140 (4.6)	(2) (2)	(2) (2)	141 (3.4)	150 (1.5)	160 (1.7)	165 (1.2)
Kentucky	147 (1.2)	148 (1.5)	147 (1.3)	151 (1.1)	127 (2.7)	113 (6.2)	(2) (2)	(2) (2)	130 (2.1)	143 (1.5)	151 (1.6)	158 (1.8)
Louisiana	132 (1.6)	136 (1.9)	129 (1.7)	148 (1.3)	113 (2.1)	104 (5.7)	(2) (2)	(2) (2)	123 (3.1)	128 (1.9)	141 (2.1)	136 (2.3)
Maine	163 (1.0)	165 (1.2)	161 (1.2)	164 (0.9)	(2) (2)	141 (4.6)	(2) (2)	(2) (2)	141 (2.9)	153 (1.5)	164 (1.7)	171 (1.1)
Maryland[3]	145 (1.5)	146 (1.9)	145 (1.5)	160 (1.4)	124 (1.4)	121 (4.1)	161 (3.6)	(2) (2)	126 (3.6)	136 (2.0)	147 (2.0)	153 (2.0)
Massachusetts	157 (1.4)	159 (1.7)	154 (1.5)	163 (1.2)	126 (3.3)	126 (3.9)	152 (7.3)	(2) (2)	134 (4.7)	145 (2.4)	156 (2.0)	166 (1.3)
Michigan[3]	153 (1.4)	156 (1.6)	150 (1.7)	161 (1.4)	122 (2.4)	134 (4.9)	(2) (2)	(2) (2)	137 (5.3)	144 (2.0)	156 (1.6)	161 (1.7)
Minnesota	159 (1.3)	161 (1.4)	157 (1.5)	162 (1.2)	130 (4.4)	134 (5.3)	152 (9.7)	(2) (2)	137 (4.5)	151 (1.8)	161 (1.7)	165 (1.4)
Mississippi	133 (1.4)	134 (1.8)	132 (1.3)	149 (1.2)	119 (1.4)	105 (3.8)	(2) (2)	(2) (2)	125 (2.5)	126 (1.9)	142 (1.8)	138 (1.9)
Missouri	151 (1.2)	152 (1.3)	150 (1.3)	158 (1.0)	120 (2.8)	130 (5.0)	(2) (2)	(2) (2)	136 (2.8)	144 (1.6)	156 (1.4)	159 (1.3)
Montana[3]	162 (1.2)	164 (1.7)	160 (1.3)	166 (0.9)	(2) (2)	147 (2.7)	(2) (2)	139 (2.7)	139 (3.1)	155 (2.2)	164 (1.5)	168 (1.3)
Nebraska	157 (1.0)	160 (1.2)	155 (1.3)	161 (0.9)	130 (3.1)	134 (3.1)	(2) (2)	(2) (2)	133 (2.8)	148 (1.8)	161 (1.5)	165 (1.2)
New Mexico	141 (1.0)	143 (1.3)	139 (1.1)	159 (1.0)	(2) (2)	130 (1.1)	(2) (2)	126 (2.4)	119 (2.4)	131 (1.8)	147 (1.5)	154 (1.2)
New York[3]	146 (1.6)	148 (2.5)	143 (1.3)	161 (1.4)	120 (1.9)	116 (2.7)	155 (5.4)	(2) (2)	123 (5.4)	138 (3.6)	147 (2.0)	157 (1.7)
North Carolina	147 (1.2)	149 (1.5)	145 (1.3)	157 (1.1)	126 (1.4)	123 (3.6)	(2) (2)	136 (4.1)	126 (2.6)	134 (1.7)	150 (1.7)	158 (1.4)
North Dakota	162 (0.8)	163 (0.9)	161 (0.9)	164 (0.8)	(2) (2)	137 (4.5)	(2) (2)	137 (6.9)	148 (3.7)	157 (1.9)	160 (1.6)	167 (0.9)
Oregon	155 (1.6)	157 (2.0)	153 (1.5)	158 (1.4)	(2) (2)	133 (3.7)	157 (3.3)	142 (7.9)	137 (3.1)	143 (2.0)	157 (1.5)	164 (1.7)
Rhode Island	149 (0.8)	150 (1.1)	148 (1.2)	155 (0.9)	130 (2.8)	118 (1.8)	142 (3.1)	(2) (2)	123 (2.7)	141 (1.9)	154 (1.8)	160 (1.0)
South Carolina[3]	139 (1.5)	141 (1.9)	136 (1.5)	153 (1.6)	122 (1.6)	122 (4.1)	(2) (2)	(2) (2)	125 (3.7)	127 (1.8)	145 (2.1)	148 (2.1)
Tennessee	143 (1.8)	144 (2.0)	142 (2.1)	151 (1.7)	117 (3.1)	104 (6.2)	(2) (2)	(2) (2)	127 (2.4)	135 (2.2)	149 (2.2)	154 (2.2)
Texas	145 (1.8)	147 (1.6)	143 (2.4)	161 (1.2)	127 (2.4)	129 (2.7)	157 (3.6)	(2) (2)	128 (2.0)	137 (2.4)	152 (1.8)	157 (1.5)
Utah	156 (0.8)	159 (1.2)	154 (0.8)	159 (0.7)	(2) (2)	133 (2.9)	143 (3.2)	(2) (2)	129 (5.9)	147 (1.5)	156 (1.5)	162 (0.8)
Vermont[3]	157 (1.0)	158 (1.3)	156 (1.1)	159 (0.9)	(2) (2)	136 (3.4)	(2) (2)	(2) (2)	132 (4.3)	146 (1.5)	157 (1.8)	167 (1.1)
Virginia	149 (1.6)	150 (1.7)	148 (1.7)	158 (1.4)	126 (2.3)	132 (4.2)	165 (3.2)	(2) (2)	127 (2.8)	136 (2.1)	152 (1.9)	161 (1.9)
Washington	150 (1.3)	152 (1.6)	147 (1.4)	156 (1.1)	127 (4.2)	125 (3.5)	149 (3.3)	130 (4.3)	128 (4.2)	141 (2.3)	154 (1.7)	158 (1.4)
West Virginia	147 (0.9)	148 (1.3)	147 (1.1)	149 (0.9)	127 (3.2)	122 (4.3)	(2) (2)	(2) (2)	130 (2.3)	142 (1.2)	152 (1.3)	156 (1.3)
Wisconsin[3]	160 (1.7)	161 (1.9)	158 (1.7)	165 (1.1)	115 (5.3)	141 (4.6)	(2) (2)	(2) (2)	140 (4.3)	155 (2.3)	161 (1.8)	169 (1.6)
Wyoming	158 (0.6)	159 (1.0)	156 (0.9)	161 (0.6)	(2) (2)	140 (1.9)	(2) (2)	138 (2.5)	139 (2.7)	150 (1.3)	159 (1.3)	165 (0.9)
Department of Defense dependents schools overseas schools	155 (0.7)	157 (1.1)	154 (0.9)	164 (1.2)	140 (1.2)	146 (1.6)	156 (1.4)	(2) (2)	(2) (2)	144 (1.9)	159 (1.3)	158 (1.0)
Outlying area												
Guam	120 (1.1)	120 (1.6)	120 (1.6)	138 (4.6)	(2) (2)	106 (2.9)	122 (1.4)	(2) (2)	106 (3.6)	113 (2.0)	130 (2.4)	128 (2.1)

[1] Parents' highest level of education. Data not shown for students who did not know parents' level of education.

[2] Sample size is insufficient to permit a reliable estimate.

[3] Did not satisfy one or more of the guidelines for school sample participation rates. Data are subject to appreciable nonresponse bias.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. Scale ranges from 0 to 300. Excludes states not participating in the survey. Some data have been revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Science Report Card for the Nation and the States*, prepared by Educational Testing Service. (This table was prepared June 1999.)

Table 133.—Performance of 8th-grade students in music, theatre, and visual arts, by selected characteristics of students: 1997

Selected characteristics of students	Music			Visual arts		Theatre	
	Average creating score (0 to 100 percent)	Average performing score (0 to 100 percent)	Average responding scale score (0–300)	Average creating score (0 to 100 percent)	Average responding scale score (0–300)	Average creating/performing (0 to 100 percent)	Average responding scale score (0–300)
1	2	3	4	5	6	7	8
All students	**34 (1.1)**	**34 (1.2)**	**150 (1.3)**	**43 (0.7)**	**150 (1.1)**	**49 (2.0)**	**150 (5.7)**
Sex							
Male	32 (1.0)	27 (1.4)	140 (1.5)	42 (0.7)	146 (1.5)	46 (2.2)	140 (6.6)
Female	37 (1.6)	40 (1.5)	160 (1.6)	45 (0.9)	154 (1.4)	52 (2.1)	158 (5.6)
Race/ethnicity							
White	36 (1.2)	36 (1.4)	158 (1.4)	46 (0.9)	159 (1.3)	52 (1.9)	159 (4.4)
Black	34 (3.6)	30 (1.9)	130 (2.3)	37 (1.8)	124 (2.0)	39 (2.2)	120 (10.1)
Hispanic	29 (2.7)	24 (3.7)	127 (3.5)	38 (1.3)	128 (2.0)	44 (2.5)	139 (6.2)
Asian	31 (3.8)	— —	152 (6.2)	45 (1.6)	153 (6.4)	— —	— —
Parents' level of education							
Not high school graduate	24 (2.5)	21 (2.4)	129 (3.5)	36 (1.4)	125 (2.4)	42 (2.1)	131 (4.4)
Graduated high school	29 (2.0)	29 (2.4)	139 (1.3)	41 (1.1)	138 (1.8)	42 (1.9)	130 (8.5)
Some college	35 (1.3)	34 (2.4)	150 (1.8)	44 (0.8)	153 (1.8)	49 (1.8)	153 (5.1)
Graduated college	39 (1.3)	39 (1.5)	159 (1.7)	46 (0.7)	158 (1.4)	52 (2.2)	157 (5.8)
Region							
Northeast	39 (2.0)	34 (2.6)	153 (4.0)	45 (1.5)	152 (4.0)	— —	— —
Southeast	30 (2.7)	33 (2.4)	139 (2.7)	42 (1.0)	143 (3.3)	— —	— —
Central	36 (1.4)	33 (2.1)	157 (3.0)	45 (1.8)	157 (3.5)	— —	— —
West	33 (2.3)	35 (2.9)	152 (3.0)	43 (1.3)	149 (2.6)	51 (2.1)	157 (5.3)

—Not available.

NOTE: Creating refers to expressing ideas and feelings in the form of an original work of art, for example, a dance, a piece of music, a dramatic improvisation, or a sculpture. Performing refers to performing an existing work, a process that calls upon the interpretive or recreative skills of the student. Responding refers to observing, describing, analyzing, and evaluating works of art. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *The NAEP 1997 Arts Report Card.* (This table was prepared November 1998.)

Table 134.—Scholastic Assessment Test (SAT) averages, by race/ethnicity: 1986–87–2000–01

Racial/ethnic background	1986–87	1990–91	1995–96	1996–97	1997–98	1998–99	1999–2000	2000–01	Score change					
									1986–87 to 1996–97	1990–91 to 2000–01	1995–96 to 1996–97	1996–97 to 1997–98	1998–99 to 1999–2000	1999–2000 to 2000–01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SAT-Verbal														
All students	**507**	**499**	**505**	**505**	**505**	**505**	**505**	**506**	**–2**	**7**	**0**	**0**	**0**	**1**
White	524	518	526	526	526	527	528	529	2	11	0	0	1	1
Black	428	427	434	434	434	434	434	433	6	6	0	0	0	–1
Hispanic or Latino	464	458	465	466	461	463	461	460	2	2	1	–5	–2	–1
Mexican American	457	454	455	451	453	453	453	451	–6	–3	–4	2	0	–2
Puerto Rican	436	436	452	454	452	455	456	457	18	21	2	–2	1	1
Asian American	479	485	496	496	498	498	499	501	17	16	0	2	1	2
American Indian	471	470	483	475	480	484	482	481	4	11	–8	5	–2	–1
Other	480	486	511	512	511	511	508	503	32	17	1	–1	–3	–5
SAT-Mathematical														
All students	**501**	**500**	**508**	**511**	**512**	**511**	**514**	**514**	**10**	**14**	**3**	**1**	**3**	**0**
White	514	513	523	526	528	528	530	531	12	18	3	2	2	1
Black	411	419	422	423	426	422	426	426	12	7	1	3	4	0
Hispanic or Latino	462	462	466	468	466	464	467	465	6	3	2	–2	3	–2
Mexican American	455	459	459	458	460	456	460	458	3	–1	–1	2	4	–2
Puerto Rican	432	439	445	447	447	448	451	451	15	12	2	0	3	0
Asian American	541	548	558	560	562	560	565	566	19	18	2	2	5	1
American Indian	463	468	477	475	483	481	481	479	12	11	–2	8	0	–2
Other	482	492	512	514	514	511	515	512	32	20	2	0	4	–3

NOTE: Scholastic Assessment Test was formerly known as the Scholastic Aptitude Test. Possible scores on each part of the SAT range from 200 to 800.

SOURCE: College Entrance Examination Board, *National Report on College-Bound Seniors*, various years. (Copyright © 2001 by the College Entrance Examination Board. All rights reserved.) (This table was prepared August 2001.)

Table 135.—Scholastic Assessment Test score averages for college-bound high school seniors, by sex: 1966–67 to 2000–01

School year	Scholastic Assessment Test I[1] (recentered scale)[2]						Scholastic Aptitude Test (old scale)					
	Verbal score			Mathematical score			Verbal score			Mathematical score		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
1966–67	543	540	545	516	535	495	466	463	468	492	514	467
1967–68	543	541	543	516	533	497	466	464	466	492	512	470
1968–69	540	536	543	517	534	498	463	459	466	493	513	470
1969–70	537	536	538	512	531	493	460	459	461	488	509	465
1970–71	532	531	534	513	529	494	455	454	457	488	507	466
1971–72	530	531	529	509	527	489	453	454	452	484	505	461
1972–73	523	523	521	506	525	489	445	446	443	481	502	460
1973–74	521	524	520	505	524	488	444	447	442	480	501	459
1974–75	512	515	509	498	518	479	434	437	431	472	495	449
1975–76	509	511	508	497	520	475	431	433	430	472	497	446
1976–77	507	509	505	496	520	474	429	431	427	470	497	445
1977–78	507	511	503	494	517	474	429	433	425	468	494	444
1978–79	505	509	501	493	516	473	427	431	423	467	493	443
1979–80	502	506	498	492	515	473	424	428	420	466	491	443
1980–81	502	508	496	492	516	473	424	430	418	466	492	443
1981–82	504	509	499	493	516	473	426	431	421	467	493	443
1982–83	503	508	498	494	516	474	425	430	420	468	493	445
1983–84	504	511	498	497	518	478	426	433	420	471	495	449
1984–85	509	514	503	500	522	480	431	437	425	475	499	452
1985–86	509	515	504	500	523	479	431	437	426	475	501	451
1986–87	507	512	502	501	523	481	430	435	425	476	500	453
1987–88	505	512	499	501	521	483	428	435	422	476	498	455
1988–89	504	510	498	502	523	482	427	434	421	476	500	454
1989–90	500	505	496	501	521	483	424	429	419	476	499	455
1990–91	499	503	495	500	520	482	422	426	418	474	497	453
1991–92	500	504	496	501	521	484	423	428	419	476	499	456
1992–93	500	504	497	503	524	484	424	428	420	478	502	457
1993–94	499	501	497	504	523	487	423	425	421	479	501	460
1994–95	504	505	502	506	525	490	428	429	426	482	503	463
1995–96	505	507	503	508	527	492	—	—	—	—	—	—
1996–97	505	507	503	511	530	494	—	—	—	—	—	—
1997–98	505	509	502	512	531	496	—	—	—	—	—	—
1998–99	505	509	502	511	531	495	—	—	—	—	—	—
1999–2000	505	507	504	514	533	498	—	—	—	—	—	—
2000–01	506	509	502	514	533	498	—	—	—	—	—	—

—Not available.

[1] Formerly known as the Scholastic Aptitude Test.

[2] Data for 1967 to 1986 were converted to the recentered scale by using a formula applied to the original mean and standard deviation. For 1987 to 1995, individual student scores were converted to the recentered scale and recomputed. For 1996 to 2001, most students received scores on the recentered scale score. Any score on the original scale was converted to the recentered scale prior to recomputing the mean.

NOTE: Possible scores on each part of the SAT range from 200 to 800. Data for the years 1966–67 through 1970–71 are estimates derived from the test scores of all participants.

SOURCE: College Entrance Examination Board, *National Report on College-Bound Seniors*, various years. (Copyright © 2001 by the College Entrance Examination Board. All rights reserved.) (This table was prepared August 2001.)

Table 136.—Scholastic Assessment Test score averages, by selected student characteristics: 1995–96–2000–01

Selected characteristics	1995–96			1997–98			1999–2000			2000–01		
	Verbal score	Mathematical score	Percentage distribution [1]	Verbal score	Mathematical score	Percentage distribution [1]	Verbal score	Mathematical score	Percentage distribution [1]	Verbal score	Mathematical score	Percentage distribution [1]
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	**505**	**508**	**100**	**505**	**512**	**100**	**505**	**514**	**100**	**506**	**514**	**100**
High school rank												
Top decile	591	606	22	590	607	21	589	608	22	588	607	24
Second decile	530	539	22	530	543	22	528	543	23	526	540	23
Second quintile	494	496	28	494	500	28	493	500	27	490	497	26
Third quintile	455	448	24	454	453	24	455	453	23	454	452	22
Fourth quintile	429	418	4	427	421	4	425	419	4	423	417	4
Fifth quintile	411	401	1	408	403	1	408	401	1	407	401	1
High school grade point average												
A+ (97–100)	617	632	6	613	629	7	610	628	7	609	626	7
A (93–96)	573	583	14	569	582	15	567	582	16	566	581	17
A- (90–92)	545	554	15	542	554	16	540	553	17	540	552	17
B (80–89)	486	485	49	483	487	48	482	486	47	482	486	47
C (70–79)	432	426	15	430	428	13	428	426	12	428	425	12
D, E, or F (below 70)	414	408	(2)	408	411	(2)	405	406	(2)	403	404	(2)
Intended college major												
Agriculture/natural resources	491	484	2	491	487	2	490	486	1	487	484	1
Architecture/environmental design	492	519	3	494	524	2	494	524	2	493	521	2
Arts: visual/performing	520	497	6	520	502	7	518	502	8	518	501	8
Biological sciences	546	545	6	545	546	6	544	548	5	545	549	5
Business and commerce	483	500	13	484	505	14	487	510	14	489	511	14
Communications	527	497	4	523	501	4	526	505	4	527	506	4
Computer or information sciences	497	522	3	500	529	5	499	533	6	501	533	7
Education	487	477	8	483	480	9	483	481	9	483	481	9
Engineering	525	569	8	525	571	9	523	573	8	523	572	9
Foreign/classical languages	556	534	(2)	552	538	1	558	539	1	557	540	1
General/interdisciplinary	576	553	(2)	568	549	(2)	562	545	(2)	554	539	(2)
Health and allied services	500	505	[illegible]	497	505	18	497	505	16	494	502	15
Home economics	458	452	(2)	458	459	(2)	462	462	(2)	459	458	(2)
Language and literature	605	545	1	605	549	1	608	552	1	606	549	1
Library and archival sciences	554	512	(2)	547	525	(2)	556	511	(2)	574	504	(2)
Mathematics	552	628	1	552	629	1	551	630	1	549	625	1
Military sciences	503	505	(2)	504	507	(2)	505	512	(2)	507	511	(2)
Philosophy/religion/theology	560	536	(2)	558	538	1	560	539	1	561	539	1
Physical sciences	575	595	1	571	592	1	569	592	1	568	588	1
Public affairs and services	458	448	3	459	453	3	459	454	3	461	455	2
Social sciences and history	532	509	11	531	512	11	532	513	11	531	512	10
Technical and vocational	435	441	1	440	448	1	442	452	1	444	451	1
Undecided	500	507	7	510	520	6	512	521	7	515	524	7
Degree-level goal												
Certificate program	434	439	1	436	447	1	439	453	1	443	455	1
Associate degree	422	415	2	421	419	2	420	419	2	419	416	2
Bachelor's degree	476	476	23	475	480	23	478	483	25	478	483	25
Master's degree	514	518	29	513	523	31	515	526	31	516	526	31
Doctoral or related degree	548	552	24	548	554	23	547	554	22	547	554	21
Other	430	438	1	435	446	1	442	454	1	438	449	1
Undecided	502	503	20	505	510	19	508	514	19	511	517	19
Family income												
Less than $10,000	429	444	4	427	446	5	425	447	4	421	443	4
$10,000 but less than $20,000	456	464	8	451	463	9	447	460	8	442	456	8
$20,000, but less than $30,000	482	482	10	477	482	11	471	478	10	468	474	10
$30,000, but less than $40,000	497	495	12	495	497	13	490	493	12	487	489	12
$40,000, but less than $50,000	509	507	10	506	509	11	503	505	10	501	503	10
$50,000, but less than $60,000	517	517	9	514	518	11	511	515	11	509	512	10
$60,000, but less than $70,000	524	525	7	521	525	9	517	522	9	516	519	9
$70,000, but less than $80,000	531	533	6	527	532	8	524	530	8	522	527	8
$80,000 to $100,000	541	544	7	539	546	9	536	543	10	534	540	11
More than $100,000	560	569	9	559	572	13	558	571	16	557	569	18
Highest level of parental education												
No high school diploma	414	439	4	411	441	4	413	442	4	411	438	4
High school diploma	475	474	31	473	477	34	472	477	33	472	476	32
Associate degree	489	487	7	489	491	8	488	491	9	489	491	9
Bachelor's degree	525	529	25	525	532	28	525	533	29	525	533	29
Graduate degree	556	558	23	556	563	25	558	566	25	559	567	26

[1] Because of survey item nonresponse, percentage distributions may not add to 100 percent.

[2] Less than 0.5 percent.

NOTE: Scholastic Assessment Test was formerly known as the Scholastic Aptitude Test. Possible scores on each part of the SAT range from 200 to 800.

SOURCE: College Entrance Examination Board, *National Report on College Bound Seniors*, various years. (Copyright © 2001 by the College Entrance Examination Board. All rights reserved.) (This table was prepared August 2001.)

Table 137.—Scholastic Assessment Test score averages, by state: 1987–88 to 2000–01

State	1987–88		1994–95		1995–96		1998–99		1999–2000		2000–01		Percentage of graduates taking SAT, 1999–2000	Percentage of graduates taking SAT, 2000–01
	Verbal	Mathematical	Verbal	Mathematical	Verbal	Mathematical	Verbal	Mathematical	Verbal	Mathematical	Verbal	Mathematical		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	**505**	**501**	**504**	**506**	**505**	**508**	**505**	**511**	**505**	**514**	**506**	**514**	**44**	**45**
Alabama	554	540	565	555	565	558	561	555	559	555	559	554	9	9
Alaska	518	501	521	513	521	513	516	514	519	515	514	510	50	51
Arizona	531	523	524	520	525	521	524	525	521	523	523	525	34	34
Arkansas	554	536	556	542	566	550	563	556	563	554	562	550	6	6
California	500	508	492	509	495	511	497	514	497	518	498	517	49	51
Colorado	537	532	538	538	536	538	536	540	534	537	539	542	32	31
Connecticut	513	498	507	502	507	504	510	509	508	509	509	510	81	82
Delaware	510	493	505	494	508	495	503	497	502	496	501	499	66	67
District of Columbia	479	461	485	471	489	473	494	478	494	486	482	474	89	56
Florida	499	495	497	496	498	496	499	498	498	500	498	499	55	54
Georgia	480	473	483	477	484	477	487	482	488	486	491	489	64	63
Hawaii	484	505	483	507	485	510	482	513	488	519	486	515	53	52
Idaho	543	523	544	532	543	536	542	540	540	541	543	542	16	17
Illinois	540	540	563	574	564	575	569	585	568	586	576	589	12	12
Indiana	490	486	492	494	494	494	496	498	498	501	499	501	60	60
Iowa	587	588	589	595	590	600	594	598	589	600	593	603	5	5
Kansas	568	557	576	571	579	571	578	576	574	580	577	580	9	9
Kentucky	551	535	552	542	549	544	547	547	548	550	550	550	12	12
Louisiana	551	533	560	552	559	550	561	558	562	558	564	562	8	7
Maine	508	493	504	497	504	498	507	503	504	500	506	500	68	69
Maryland	509	501	506	503	507	504	507	507	507	509	508	510	65	65
Massachusetts	508	499	505	502	507	504	511	511	511	513	511	515	78	79
Michigan	532	533	559	565	557	565	557	565	557	569	561	572	11	11
Minnesota	546	549	580	591	582	593	586	598	581	594	580	589	9	9
Mississippi	557	539	572	557	569	557	563	548	562	549	566	551	4	4
Missouri	547	539	569	566	570	569	572	572	572	577	577	577	8	8
Montana	547	547	549	553	546	547	546	546	543	546	539	539	23	23
Nebraska	562	561	568	570	567	568	568	571	560	571	562	568	9	8
Nevada	517	510	511	508	508	507	512	517	510	517	509	515	34	33
New Hampshire	523	511	520	515	520	514	520	518	520	519	520	516	72	72
New Jersey	500	495	496	503	498	505	498	510	498	513	499	513	81	81
New Mexico	553	543	559	549	554	548	549	542	549	543	551	542	12	13
New York	497	495	495	498	497	499	495	502	494	506	495	505	77	77
North Carolina	478	470	488	482	490	486	493	493	492	496	493	499	64	65
North Dakota	572	569	587	602	596	599	594	605	588	609	592	599	4	4
Ohio	529	521	536	535	536	535	534	538	533	539	534	539	26	26
Oklahoma	558	542	565	553	566	557	567	560	563	560	567	561	8	8
Oregon	517	507	525	522	523	521	525	525	527	527	526	526	54	55
Pennsylvania	502	489	496	489	498	492	498	495	498	497	500	499	70	71
Rhode Island	508	496	502	490	501	491	504	499	505	500	501	499	71	71
South Carolina	477	468	478	473	480	474	479	475	484	482	486	488	59	57
South Dakota	585	573	579	576	574	566	585	588	587	588	577	582	4	4
Tennessee	560	543	571	560	563	552	559	553	563	553	562	553	13	13
Texas	494	490	495	501	495	500	494	499	493	500	493	499	52	53
Utah	572	553	585	576	583	575	570	568	570	569	575	570	5	5
Vermont	514	499	506	499	506	500	514	506	513	508	511	506	70	69
Virginia	507	498	504	494	507	496	508	499	509	500	510	501	67	68
Washington	525	517	519	517	519	519	525	526	526	528	527	527	52	53
West Virginia	528	519	525	509	526	506	527	512	526	511	527	512	19	18
Wisconsin	549	551	574	585	577	586	584	595	584	597	584	596	7	6
Wyoming	550	545	551	544	544	544	546	551	545	545	547	545	12	11

NOTE: Scholastic Assessment Test was formerly known as the Scholastic Aptitude Test. Percentage of graduates taking the SAT is based on the projection of high school graduates by the Western Interstate Commission for Higher Education, and number of students in the graduating class who took the SAT I: Reasoning Test. Possible scores on each part of the SAT range from 200 to 800. Rankings of states based on SAT scores alone are invalid because of the varying proportions of students in each state taking the tests.

SOURCE: College Entrance Examination Board, "College-Bound Seniors: 2001 Profile of SAT Program Test Takers," (Copyright © 2001 by the College Entrance Examination Board. All rights reserved.) (This table was prepared August 2001.)

Table 138.—American College Testing (ACT) score averages, by sex: 1970 to 2001

Type of test	1970	1975	1980	1985	1990[1]	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Participants:[2]																
Total (in thousands)	**714**	**822**	**836**	**739**	**817**	**796**	**832**	**876**	**892**	**945**	**924**	**959**	**995**	**1,019**	**1,065**	**1,070**
	Test scores[3]															
Composite, total	18.6	18.5	18.5	18.6	20.6	20.6	20.6	20.7	20.8	20.8	20.9	21.0 (4.7)	21.0 (4.7)	21.0 (4.7)	21.0 (4.7)	21.0 (4.7)
Male	19.5	19.3	19.3	19.4	21.0	20.9	20.9	21.0	20.9	21.0	21.0	21.1 (4.9)	21.2 (4.9)	21.1 (4.9)	21.2 (4.9)	21.1 (4.9)
Female	17.8	17.9	17.8	17.9	20.3	20.4	20.5	20.5	20.7	20.7	20.8	20.8 (4.6)	20.9 (4.6)	20.9 (4.6)	20.9 (4.6)	20.9 (4.6)
English, total	17.7	17.9	17.8	18.1	20.5	20.3	20.2	20.3	20.3	20.2	20.3	20.3 (5.4)	20.4 (5.4)	20.5 (5.5)	20.5 (5.5)	20.5 (5.6)
Male	17.1	17.3	17.3	17.6	20.1	19.8	19.8	19.8	19.8	19.8	19.8	19.9 (5.4)	19.9 (5.4)	20.0 (5.5)	20.0 (5.6)	20.0 (5.6)
Female	18.3	18.3	18.2	18.6	20.9	20.7	20.6	20.6	20.7	20.6	20.7	20.7 (5.4)	20.8 (5.4)	20.9 (5.5)	20.9 (5.5)	20.8 (5.6)
Math, total	17.6	17.4	17.3	17.2	19.9	20.0	20.0	20.1	20.2	20.2	20.2	20.6 (5.0)	20.8 (5.1)	20.7 (5.0)	20.7 (5.0)	20.7 (5.0)
Male	19.3	18.9	18.9	18.6	20.7	20.6	20.7	20.8	20.8	20.9	20.9	21.3 (5.2)	21.5 (5.3)	21.4 (5.2)	21.4 (5.2)	21.4 (5.2)
Female	16.2	16.2	16.0	16.0	19.3	19.4	19.5	19.6	19.6	19.7	19.7	20.1 (4.7)	20.2 (4.8)	20.2 (4.7)	20.2 (4.8)	20.2 (4.7)
Reading, total[4]	17.4	17.2	17.2	17.4	—	21.2	21.1	21.2	21.2	21.3	21.3	21.3 (6.1)	21.4 (6.0)	21.4 (6.0)	21.4 (6.1)	21.3 (6.0)
Male	18.7	18.2	18.3	18.3	—	21.3	21.1	21.2	21.1	21.1	21.0	21.2 (6.1)	21.1 (6.2)	21.1 (6.1)	21.2 (6.1)	21.1 (6.1)
Female	16.4	16.4	16.4	16.6	—	21.1	21.1	21.2	21.4	21.4	21.6	21.5 (6.0)	21.6 (5.9)	21.6 (5.9)	21.5 (6.0)	21.5 (6.0)
Science reasoning, total[5]	21.1	21.1	21.0	21.2	—	20.7	20.7	20.8	20.9	21.0	21.1	21.1 (4.7)	21.1 (4.6)	21.0 (4.5)	21.0 (4.5)	21.0 (4.6)
Male	22.4	22.4	22.3	22.6	—	21.3	21.4	21.5	21.6	21.6	21.7	21.7 (4.9)	21.8 (4.9)	21.5 (4.8)	21.6 (4.8)	21.6 (4.9)
Female	20.0	20.0	20.0	20.0	—	20.1	20.1	20.3	20.4	20.5	20.5	20.6 (4.4)	20.6 (4.3)	20.6 (4.2)	20.6 (4.3)	20.6 (4.3)
	Percent															
Obtaining composite scores of—																
27 or above[6]	—	—	—	—	12	12	11	12	12	12	13	10 —	10 —	10 —	10 —	10 —
18 or below[7]	—	—	—	—	35	35	35	35	35	35	34	26 —	25 —	25 —	25 —	25 —
Planned major field of study																
Business[8]	18	14	20	21	20	18	16	14	13	13	12	12 —	12 —	12 —	11 —	11 —
Engineering[9]	8	6	8	9	9	10	10	9	9	8	8	8 —	8 —	8 —	8 —	7 —
Social science[10]	10	7	6	7	10	10	10	9	9	9	9	9 —	9 —	9 —	9 —	9 —
Education[11]	16	11	9	6	8	8	8	8	8	8	9	9 —	9 —	9 —	9 —	8 —

—Not available.

[1] Test scores for 1990 and later data are not comparable with previous years because a new version of the ACT was introduced. Estimated average composite scores for the new version for prior years were: 1989, 20.6; 1988, 1987, and 1986, 20.8; and 1982, 20.3.

[2] Beginning in 1985, data are for seniors who graduated in year shown and had taken the ACT in their junior or senior years.

[3] Minimum score, 1; maximum score, 36.

[4] Prior to 1990, reading was called social studies.

[5] Prior to 1990, science reasoning was called natural science.

[6] Beginning in 1997, data are for scores of 28 or higher.

[7] Beginning in 1997, data are for scores of 17 or lower.

[8] Includes political and persuasive (e.g., sales) fields for 1970. From 1975 through 1990, includes business and commerce. Thereafter, includes business and management, business and office, and marketing and distribution.

[9] Beginning in 1990, includes engineering and engineering related technologies.

[10] Includes social science and philosophy, religion, and theology except from 1975 through 1989.

[11] Includes education and teacher education.

NOTE: Standard errors appear in parentheses.

SOURCE: The American College Testing program, *High School Profile Report*, annual. (This table was prepared August 2001.)

Table 139.—Distribution of elementary and secondary school children, by average grades, by selected child, parent, and school characteristics: 1996 and 1999

Characteristics of children, parents, and schools	Distribution of children, by parental reports of average grades in all subjects							
	1996				1999			
	Mostly A's	Mostly B's	Mostly C's	Mostly D's or F's	Mostly A's	Mostly B's	Mostly C's	Mostly D's or F's
1	2	3	4	5	6	7	8	9
Total	**39.5**	**37.7**	**18.5**	**4.2**	**40.3 (0.5)**	**37.7 (0.5)**	**17.8 (0.4)**	**4.3 (0.2)**
Sex of child								
Male	32.5	38.3	23.5	5.7	33.7 (0.7)	38.3 (0.7)	21.9 (0.6)	6.2 (0.4)
Female	46.9	37.2	13.2	2.7	47.0 (0.8)	37.1 (0.8)	13.5 (0.5)	2.4 (0.2)
Race/ethnicity of child								
White, non-Hispanic	43.7	36.1	16.5	3.7	44.6 (0.7)	36.1 (0.7)	15.8 (0.5)	3.4 (0.3)
Black, non-Hispanic	27.0	41.0	26.2	5.8	27.5 (1.2)	40.3 (1.4)	26.4 (1.2)	5.8 (0.7)
Hispanic	31.9	43.6	19.6	4.9	33.3 (1.2)	42.7 (1.3)	17.4 (1.0)	6.5 (0.7)
Other non-Hispanic	44.7	33.7	17.1	4.5	45.8 (2.4)	35.8 (2.4)	14.2 (2.0)	4.2 (1.2)
Highest education level of parents								
Less than high school	29.0	39.0	23.9	8.1	26.3 (1.6)	40.8 (1.8)	22.3 (1.6)	10.5 (1.3)
High school graduate	30.5	40.5	23.1	5.9	31.6 (1.0)	39.5 (1.1)	23.3 (0.9)	5.6 (0.5)
Some postsecondary	36.9	40.1	19.1	3.9	38.9 (0.9)	39.0 (0.9)	18.3 (0.7)	3.8 (0.4)
College graduate	52.5	32.9	12.7	1.9	51.1 (1.3)	34.9 (1.2)	12.1 (0.9)	1.8 (0.3)
Graduate/professional	58.2	30.9	9.8	1.1	54.8 (1.3)	33.0 (1.2)	10.3 (0.8)	1.9 (0.4)
Family income								
Less than $5,000	28.9	38.8	23.3	8.9	25.0 (2.6)	42.9 (3.5)	24.4 (2.8)	7.7 (1.8)
$5,001 to $10,000	26.6	41.9	24.6	6.9	32.1 (2.4)	36.5 (2.4)	24.0 (2.1)	7.4 (1.3)
$10,001 to 15,000	28.0	39.8	26.0	6.2	30.3 (2.0)	38.9 (2.2)	23.7 (1.9)	7.1 (1.2)
$15,001 to 20,000	32.7	38.4	21.6	7.3	32.0 (2.0)	40.0 (2.1)	22.3 (1.9)	5.7 (0.9)
$20,001 to 25,000	34.4	40.8	20.6	4.2	32.8 (1.8)	38.9 (1.9)	21.6 (1.6)	6.7 (1.1)
$25,001 to 30,000	33.0	42.0	19.8	5.2	37.4 (1.9)	37.4 (1.9)	19.7 (1.5)	5.4 (0.9)
$30,001 to 35,000	40.0	38.0	18.1	3.9	38.2 (1.9)	38.8 (2.0)	19.2 (1.5)	3.8 (0.8)
$35,001 to 40,000	40.4	37.3	19.4	2.8	37.5 (1.8)	42.1 (1.9)	17.4 (1.4)	3.0 (0.6)
$40,001 to 50,000	43.2	36.0	16.8	4.0	45.0 (1.5)	35.1 (1.4)	16.6 (1.1)	3.3 (0.5)
$50,001 to 75,000	50.2	32.7	14.9	2.2	45.8 (1.2)	36.8 (1.2)	14.5 (0.8)	2.9 (0.4)
Over $75,000	51.0	36.8	10.9	1.3	51.9 (1.2)	35.4 (1.1)	10.9 (0.7)	1.8 (0.3)
Child attending public schools	38.2	37.9	19.3	4.6	39.0 (0.6)	37.8 (0.6)	18.5 (0.4)	4.7 (0.3)
Elementary (kindergarten to grade 8)	43.2	36.6	16.3	3.9	43.5 (0.7)	36.6 (0.7)	15.9 (0.5)	4.1 (0.3)
Secondary (grades 9 to 12)	29.6	40.2	24.5	5.7	31.8 (0.9)	39.9 (0.9)	22.7 (0.8)	5.6 (0.5)
Child attending private schools	50.8	36.1	11.8	1.3	51.9 (1.6)	36.1 (1.5)	11.0 (1.1)	1.0 (0.3)
Elementary (kindergarten to grade 8)	55.7	35.3	7.5	1.4	56.2 (1.9)	34.4 (1.8)	9.0 (1.2)	0.5 (0.2)
Secondary (grades 9 to 12)	40.9	37.7	20.4	1.0	41.2 (3.1)	40.6 (3.0)	15.9 (2.3)	2.2 (0.8)

NOTE: Includes children enrolled in grades 1 through 12. Excludes children whose programs have no classes with lettered grades. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey, 1996 and 1999, unpublished data. (This table was prepared June 2001.)

Table 140.—Average number of Carnegie units earned by public high school graduates in various subject fields, by student characteristics: 1982 to 1998

Student characteristics	Total	English	History/social studies	Mathematics			Science					Foreign languages	Arts	Vocational education[1]	Personal use[2]	Computer science[3]
				Total	Less than algebra	Algebra or higher	Total	General science	Biology	Chemistry	Physics					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1982 graduates	**21.58**	**3.93**	**3.16**	**2.63**	**0.90**	**1.74**	**2.20**	**0.73**	**0.94**	**0.34**	**0.17**	**0.99**	**1.47**	**4.62**	**2.58**	**0.12**
Male	21.40	3.88	3.16	2.71	0.94	1.77	2.27	0.76	0.91	0.36	0.23	0.80	1.29	4.60	2.69	0.14
Female	21.75	3.98	3.15	2.57	0.86	1.71	2.13	0.71	0.97	0.33	0.12	1.17	1.63	4.64	2.48	0.11
Race/ethnicity																
White	21.69	3.90	3.19	2.68	0.77	1.91	2.27	0.73	0.97	0.38	0.20	1.06	1.53	4.53	2.52	0.13
Black	21.15	4.08	3.08	2.61	1.36	1.25	2.06	0.81	0.90	0.26	0.09	0.72	1.26	4.75	2.60	0.12
Hispanic	21.23	3.94	3.00	2.33	1.21	1.12	1.80	0.75	0.81	0.16	0.07	0.77	1.29	5.22	2.87	0.08
Asian	22.46	4.01	3.16	3.15	0.71	2.44	2.64	0.51	1.11	0.61	0.42	1.79	1.31	3.34	3.05	0.22
American Indian	21.45	3.98	3.25	2.35	1.23	1.12	2.04	0.67	0.84	0.42	0.12	0.48	1.72	4.77	2.84	0.06
Academic track																
Academic[4]	21.75	4.11	3.32	3.04	0.73	2.30	2.65	0.73	1.13	0.53	0.26	1.54	1.91	2.55	2.62	0.10
Vocational[5]	20.21	3.44	2.63	1.80	1.09	0.71	1.32	0.69	0.57	0.04	0.02	0.18	0.59	7.74	2.51	0.12
Both[6]	22.89	4.04	3.33	2.69	1.02	1.67	2.17	0.79	0.94	0.29	0.14	0.75	1.41	6.03	2.47	0.18
Neither[7]	18.73	3.58	2.70	1.73	1.08	0.65	1.33	0.69	0.59	0.03	0.02	0.22	0.85	5.23	3.06	0.05
1987 graduates	**23.00**	**4.12**	**3.32**	**3.01**	**0.86**	**2.15**	**2.54**	**0.76**	**1.10**	**0.47**	**0.21**	**1.35**	**1.44**	**4.55**	**2.67**	**0.47**
Male	22.88	4.08	3.29	3.05	0.91	2.14	2.57	0.79	1.05	0.47	0.26	1.16	1.24	4.64	2.83	0.47
Female	23.12	4.15	3.35	2.97	0.82	2.15	2.52	0.74	1.14	0.47	0.17	1.53	1.63	4.47	2.51	0.47
Race/ethnicity																
White	23.11	4.08	3.29	3.01	0.74	2.27	2.61	0.75	1.12	0.50	0.23	1.38	1.50	4.65	2.60	0.49
Black	22.40	4.22	3.34	2.99	1.40	1.59	2.32	0.90	1.01	0.31	0.10	1.08	1.20	4.52	2.73	0.39
Hispanic	22.84	4.30	3.22	2.81	1.30	1.50	2.24	0.78	1.07	0.29	0.10	1.25	1.34	4.49	3.19	0.42
Asian	24.47	4.37	3.65	3.72	0.53	3.18	3.13	0.59	1.17	0.87	0.50	2.07	1.18	3.11	3.23	0.58
American Indian	23.23	4.22	3.18	2.98	1.35	1.63	2.44	0.81	1.22	0.32	0.09	0.75	1.68	4.92	3.06	0.39
Academic track																
Academic[4]	23.20	4.26	3.55	3.33	0.65	2.68	2.97	0.73	1.23	0.68	0.32	1.92	1.87	2.57	2.73	0.38
Vocational[5]	21.07	3.62	2.59	2.00	1.29	0.71	1.48	0.74	0.70	0.03	0.01	0.18	0.47	8.07	2.67	0.39
Both[6]	23.53	4.11	3.29	2.93	0.97	1.96	2.37	0.81	1.07	0.35	0.14	1.01	1.20	6.09	2.53	0.64
Neither[7]	19.56	3.55	2.45	2.11	1.62	0.49	1.47	0.84	0.59	0.03	0.00	0.18	0.76	5.10	3.93	0.17
1990 graduates	**23.53**	**4.19**	**3.47**	**3.15**	**0.90**	**2.25**	**2.75**	**0.85**	**1.14**	**0.53**	**0.23**	**1.54**	**1.55**	**4.19**	**2.68**	**0.54**
Male	23.35	4.13	3.45	3.16	0.96	2.20	2.78	0.88	1.11	0.52	0.28	1.33	1.31	4.32	2.87	0.50
Female	23.69	4.25	3.50	3.14	0.85	2.29	2.73	0.83	1.17	0.53	0.19	1.72	1.76	4.08	2.51	0.57
Race/ethnicity																
White	23.54	4.12	3.46	3.13	0.80	2.33	2.80	0.84	1.15	0.55	0.25	1.58	1.61	4.22	2.61	0.52
Black	23.40	4.34	3.49	3.20	1.25	1.95	2.68	0.98	1.11	0.42	0.16	1.20	1.34	4.41	2.74	0.60
Hispanic	23.83	4.51	3.42	3.13	1.30	1.83	2.50	0.83	1.10	0.42	0.14	1.57	1.48	4.12	3.10	0.58
Asian	24.07	4.50	3.70	3.52	0.70	2.82	2.97	0.68	1.12	0.74	0.42	2.06	1.29	3.07	2.96	0.54
American Indian	22.64	4.08	3.34	3.04	1.03	2.01	2.48	0.83	1.09	0.42	0.15	1.15	1.11	4.62	2.81	0.60
Academic track																
Academic[4]	23.53	4.30	3.65	3.37	0.68	2.70	3.06	0.81	1.23	0.70	0.32	2.02	1.93	2.41	2.78	0.42
Vocational[5]	21.73	3.60	2.58	2.07	1.54	0.53	1.62	0.87	0.71	0.03	0.01	0.17	0.42	8.68	2.59	0.46
Both[6]	23.92	4.14	3.38	3.02	1.12	1.90	2.51	0.92	1.09	0.36	0.14	1.07	1.17	6.10	2.53	0.73
Neither[7]	19.81	3.63	2.59	2.01	1.57	0.44	1.47	0.79	0.60	0.04	0.03	0.21	0.79	5.81	3.29	0.36
1994 graduates	**24.17**	**4.29**	**3.55**	**3.33**	**0.76**	**2.57**	**3.04**	**0.88**	**1.26**	**0.62**	**0.28**	**1.71**	**1.66**	**3.96**	**2.63**	**0.64**
Male	24.00	4.26	3.51	3.32	0.85	2.48	3.03	0.91	1.20	0.59	0.32	1.49	1.43	4.13	2.83	0.63
Female	24.34	4.32	3.59	3.34	0.68	2.66	3.06	0.86	1.31	0.64	0.24	1.93	1.87	3.80	2.44	0.65
Race/ethnicity																
White	24.33	4.23	3.56	3.36	0.70	2.66	3.13	0.89	1.29	0.65	0.30	1.76	1.74	3.96	2.61	0.63
Black	23.59	4.36	3.51	3.23	1.09	2.14	2.80	0.92	1.21	0.49	0.17	1.35	1.36	4.29	2.69	0.64
Hispanic	24.06	4.61	3.45	3.28	0.96	2.32	2.69	0.83	1.19	0.49	0.17	1.73	1.51	3.87	2.93	0.76
Asian	24.47	4.60	3.66	3.66	0.67	2.98	3.35	0.80	1.22	0.81	0.48	2.09	1.32	3.01	2.78	0.71
American Indian	24.47	4.27	3.57	3.11	0.94	2.17	2.82	0.91	1.28	0.50	0.13	1.30	2.01	4.27	3.12	0.53
Academic track																
Academic[4]	24.07	4.37	3.69	3.52	0.58	2.94	3.32	0.83	1.34	0.77	0.37	2.14	2.05	2.28	2.71	0.50
Vocational[5]	21.60	3.70	2.49	2.20	1.56	0.64	1.69	0.80	0.83	0.03	0.02	0.14	0.34	8.64	2.41	0.55
Both[6]	24.61	4.23	3.45	3.17	0.96	2.21	2.78	0.96	1.19	0.45	0.17	1.24	1.21	6.01	2.52	0.85
Neither[7]	21.28	3.54	2.24	2.25	1.71	0.54	1.53	0.82	0.63	0.05	0.02	0.19	0.56	6.51	4.47	0.33

Table 140.—Average number of Carnegie units earned by public high school graduates in various subject fields, by student characteristics: 1982 to 1998—Continued

Student characteristics	Total	English	History/social studies	Mathematics			Science					Foreign languages	Arts	Vocational education [1]	Personal use [2]	Computer science [3]
				Total	Less than algebra	Algebra or higher	Total	General science	Biology	Chemistry	Physics					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1998 graduates	**25.14**	**4.25**	**3.74**	**3.40**	**0.67**	**2.73**	**3.12**	**0.89**	**1.26**	**0.66**	**0.31**	**1.85**	**1.90**	**3.99**	**2.89**	**0.74**
Male	24.93	4.19	3.68	3.37	0.74	2.64	3.09	0.93	1.20	0.62	0.33	1.62	1.61	4.25	3.12	0.78
Female	25.36	4.31	3.80	3.42	0.62	2.80	3.17	0.87	1.32	0.70	0.28	2.06	2.15	3.77	2.67	0.71
Race/ethnicity																
White	25.21	4.19	3.77	3.40	0.57	2.84	3.18	0.87	1.26	0.69	0.33	1.90	2.00	3.97	2.80	0.73
Black	24.83	4.28	3.69	3.42	0.90	2.53	3.03	0.97	1.24	0.58	0.22	1.58	1.57	4.33	2.94	0.84
Hispanic	25.08	4.51	3.60	3.28	1.05	2.23	2.81	0.97	1.13	0.50	0.20	1.78	1.78	3.97	3.36	0.71
Asian	25.23	4.37	3.92	3.62	0.65	2.97	3.43	0.81	1.26	0.83	0.51	2.29	1.52	3.15	2.95	0.67
American Indian	24.43	4.18	3.67	3.10	0.90	2.20	2.68	0.98	1.07	0.49	0.15	1.45	1.94	4.02	3.40	0.67
Academic track																
Academic [4]	24.91	4.33	3.87	3.54	0.53	3.00	3.34	0.84	1.33	0.78	0.38	2.24	2.41	2.22	2.97	0.52
Vocational [5]	22.60	3.46	2.55	2.17	1.30	0.87	1.69	1.05	0.59	0.03	0.01	0.14	0.47	9.12	3.01	0.81
Both [6]	25.64	4.20	3.66	3.30	0.81	2.49	2.94	0.96	1.20	0.54	0.23	1.45	1.31	6.06	2.73	1.03
Neither [7]	21.50	3.21	2.32	2.19	1.59	0.60	1.58	0.88	0.58	0.04	0.08	0.20	0.55	5.64	5.82	0.51

[1] Includes nonoccupational vocational education, vocational general introduction, agriculture, business, marketing, health, occupational home economics, trade and industry, and technical courses.

[2] Includes personal and social courses, religion and theology, and courses not included in the other subject fields.

[3] Computer courses are included in mathematics and vocational categories.

[4] Includes students who complete at least 12 Carnegie units in academic courses, but less than 3 Carnegie units in any specific labor market preparation field.

[5] Includes students who complete at least 3 Carnegie units in a specific labor market preparation field, but less than 12 Carnegie units in academic courses.

[6] Includes students who complete at least 12 Carnegie units in academic courses and at least 3 Carnegie units in a specific labor market preparation field.

[7] Includes students who complete less than 12 Carnegie units in academic courses and less than 3 Carnegie units in a specific labor market preparation field.

NOTE: The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. Data differ slightly from figures appearing in other NCES reports because of differences in taxonomies and case exclusion criteria.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," First Followup survey, "1990 High School Transcript Study," "National Education Longitudinal Study of 1988," Second Followup survey, "1994 High School Transcript Study;" and "1998 High School Transcript Study." (This table was prepared February 2000.)

Table 141.—Average number of Carnegie units earned by public high school graduates in vocational education courses, by student characteristics: 1982 to 1998

Student characteristics	Total	General labor market preparation	Consumer and homemaking education	Specific labor market preparation								
				Total [1]	Agriculture	Business	Marketing	Health	Occupational home economics	Trade and industrial	Technical/communications	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
1982 graduates	**4.62**	**0.94**	**0.68**	**3.00**	**0.22**	**1.03**	**0.16**	**0.05**	**0.11**	**1.04**	**0.21**	**0.10**
Male	4.60	0.93	0.30	3.36	0.36	0.47	0.14	0.02	0.06	1.96	0.24	0.01
Female	4.64	0.95	1.03	2.67	0.08	1.55	0.18	0.08	0.15	0.20	0.18	0.18
Race/ethnicity												
White	4.53	0.92	0.63	2.97	0.24	1.06	0.15	0.04	0.10	0.99	0.22	0.09
Black	4.75	0.97	0.90	2.88	0.09	1.00	0.22	0.11	0.14	0.95	0.15	0.12
Hispanic	5.22	1.01	0.85	3.36	0.23	1.00	0.17	0.07	0.13	1.38	0.15	0.12
Asian	3.34	1.01	0.30	2.03	0.03	0.58	0.04	0.03	0.06	0.88	0.30	0.02
American Indian	4.77	0.90	0.47	3.40	0.25	0.74	0.14	0.08	0.06	1.88	0.13	0.03
Academic track												
Academic [2]	2.55	0.84	0.60	1.12	0.04	0.48	0.03	0.02	0.06	0.28	0.17	0.02
Vocational [3]	7.74	1.02	0.78	5.94	0.58	1.68	0.33	0.08	0.17	2.43	0.21	0.24
Both [4]	6.03	0.86	0.57	4.60	0.29	1.66	0.29	0.09	0.15	1.57	0.29	0.14
Neither [5]	5.23	1.92	1.62	1.68	0.11	0.74	0.09	0.05	0.13	0.37	0.10	0.07
1987 graduates	**4.55**	**0.83**	**0.61**	**3.11**	**0.19**	**0.96**	**0.16**	**0.08**	**0.11**	**0.96**	**0.43**	**0.11**
Male	4.64	0.83	0.45	3.35	0.33	0.56	0.13	0.02	0.08	1.73	0.47	0.03
Female	4.47	0.83	0.86	2.77	0.07	1.34	0.19	0.12	0.14	0.23	0.39	0.18
Race/ethnicity												
White	4.65	0.84	0.60	3.20	0.24	0.97	0.16	0.07	0.11	1.00	0.47	0.10
Black	4.52	0.86	0.73	2.92	0.10	1.00	0.17	0.14	0.14	0.76	0.28	0.14
Hispanic	4.49	0.93	0.62	2.95	0.06	0.97	0.16	0.08	0.11	1.00	0.32	0.11
Asian	3.11	0.63	0.35	2.13	0.01	0.63	0.13	0.09	0.08	0.47	0.56	0.04
American Indian	4.92	0.82	0.65	3.45	0.20	1.04	0.08	0.09	0.11	1.32	0.44	0.03
Academic track												
Academic [2]	2.57	0.76	0.57	1.23	0.02	0.45	0.04	0.02	0.04	0.24	0.37	0.02
Vocational [3]	8.07	0.90	0.77	6.39	0.59	1.40	0.38	0.18	0.25	2.60	0.35	0.34
Both [4]	6.09	0.86	0.55	4.69	0.30	1.54	0.27	0.11	0.17	1.43	0.56	0.15
Neither [5]	5.10	1.77	1.72	1.62	0.07	0.60	0.09	0.05	0.11	0.37	0.13	0.10

Table 141.—Average number of Carnegie units earned by public high school graduates in vocational education courses, by student characteristics: 1982 to 1998—Continued

Student characteristics	Total	General labor market preparation	Consumer and home-making education	Specific labor market preparation								
				Total[1]	Agriculture	Business	Marketing	Health	Occupational home economics	Trade and industrial	Technical/ communications	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
1990 graduates	**4.19**	**0.73**	**0.57**	**2.89**	**0.20**	**0.88**	**0.16**	**0.04**	**0.10**	**0.87**	**0.41**	**0.10**
Male	4.32	0.70	0.33	3.28	0.31	0.57	0.14	0.02	0.07	1.59	0.43	0.02
Female	4.08	0.76	0.79	2.53	0.09	1.16	0.18	0.06	0.13	0.22	0.39	0.17
Race/ethnicity												
White	4.22	0.71	0.55	2.97	0.24	0.85	0.16	0.04	0.09	0.95	0.40	0.09
Black	4.41	0.82	0.80	2.79	0.06	1.05	0.17	0.04	0.15	0.64	0.40	0.16
Hispanic	4.12	0.75	0.53	2.85	0.15	0.93	0.19	0.02	0.11	0.75	0.41	0.18
Asian	3.07	0.69	0.31	2.07	0.04	0.65	0.05	0.01	0.03	0.72	0.48	0.03
American Indian	4.62	0.74	0.72	3.16	0.36	0.95	0.15	0.02	0.07	0.95	0.44	0.02
Academic track												
Academic[2]	2.41	0.67	0.55	1.19	0.03	0.46	0.04	0.01	0.04	0.22	0.34	0.02
Vocational[3]	8.68	1.00	0.74	6.95	0.86	1.22	0.28	0.10	0.26	3.10	0.28	0.30
Both[4]	6.10	0.72	0.57	4.81	0.35	1.47	0.33	0.08	0.16	1.50	0.53	0.19
Neither[5]	5.81	2.81	1.26	1.74	0.10	0.46	0.04	0.04	0.08	0.54	0.32	0.04
1994 graduates	**3.96**	**0.64**	**0.52**	**2.79**	**0.24**	**0.88**	**0.18**	**0.08**	**0.13**	**0.70**	**0.35**	**0.09**
Male	4.13	0.70	0.35	3.08	0.37	0.66	0.14	0.03	0.08	1.25	0.36	0.03
Female	3.80	0.58	0.69	2.52	0.11	1.09	0.22	0.12	0.18	0.17	0.34	0.15
Race/ethnicity												
White	3.96	0.63	0.51	2.81	0.27	0.87	0.19	0.08	0.11	0.72	0.35	0.07
Black	4.29	0.72	0.62	2.94	0.13	1.01	0.20	0.11	0.23	0.60	0.29	0.18
Hispanic	3.87	0.64	0.48	2.75	0.13	0.93	0.15	0.07	0.14	0.65	0.36	0.17
Asian	3.01	0.51	0.36	2.13	0.14	0.70	0.11	0.06	0.10	0.50	0.46	0.03
American Indian	4.27	0.85	0.65	2.77	0.41	0.75	0.06	0.18	0.15	0.53	0.41	0.06
Academic track												
Academic[2]	2.28	0.58	0.49	1.20	0.04	0.51	0.05	0.03	0.05	0.20	0.28	0.02
Vocational[3]	8.64	1.00	0.78	6.86	0.90	1.17	0.34	0.08	0.26	2.89	0.26	0.29
Both[4]	6.01	0.66	0.54	4.82	0.48	1.41	0.37	0.16	0.23	1.25	0.46	0.18
Neither[5]	6.51	3.91	1.08	1.52	0.05	0.48	0.08	0.02	0.07	0.46	0.16	0.06
1998 graduates	**3.99**	**0.61**	**0.51**	**2.87**	**0.20**	**0.70**	**0.16**	**0.14**	**0.16**	**0.78**	**0.51**	**0.07**
Male	4.25	0.67	0.35	3.23	0.27	0.59	0.15	0.06	0.10	1.37	0.53	0.02
Female	3.77	0.57	0.66	2.54	0.14	0.80	0.18	0.22	0.21	0.23	0.49	0.12
Race/ethnicity												
White	3.97	0.58	0.49	2.90	0.24	0.69	0.15	0.11	0.14	0.83	0.51	0.06
Black	4.33	0.70	0.68	2.95	0.09	0.83	0.24	0.29	0.23	0.56	0.47	0.11
Hispanic	3.97	0.66	0.49	2.82	0.16	0.64	0.18	0.16	0.17	0.75	0.51	0.10
Asian	3.15	0.58	0.27	2.30	0.09	0.64	0.13	0.15	0.14	0.57	0.49	0.02
American Indian	4.02	0.54	0.55	2.92	0.19	0.70	0.14	0.06	0.14	0.98	0.51	0.03
Academic track												
Academic[2]	2.22	0.54	0.49	1.19	0.03	0.41	0.05	0.03	0.07	0.22	0.33	0.02
Vocational[3]	9.12	1.40	0.75	6.97	0.62	0.64	0.29	0.11	0.36	3.36	0.66	0.29
Both[4]	6.06	0.62	0.52	4.92	0.41	1.10	0.31	0.29	0.27	1.39	0.74	0.14
Neither[5]	5.64	2.91	1.20	1.53	0.10	0.43	0.06	0.02	0.07	0.31	0.19	0.06

[1] Includes unclassified courses not shown separately.

[2] Includes students who complete at least 12 Carnegie units in academic courses, but less than 3 Carnegie units in any specific labor market preparation field.

[3] Includes students who complete at least 3 Carnegie units in a specific labor market preparation field, but less than 12 Carnegie units in academic courses.

[4] Includes students who complete at least 12 Carnegie units in academic courses and at least 3 Carnegie units in a specific labor market preparation field.

[5] Includes students who complete less than 12 Carnegie units in academic courses and less than 3 Carnegie units in a specific labor market preparation field.

NOTE: The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. Data differ slightly from figures appearing in other NCES reports because of differences in taxonomies and case exclusion criteria.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," First Followup survey; "1990 High School Transcript Study," "National Education Longitudinal Study of 1988," Second Followup survey; "1994 High School Transcript Study;" and "1998 High School Transcript Study." (This table was prepared February 2000.)

Table 142.—Percentage of high school graduates taking selected mathematics and science courses in high school, by sex and race/ethnicity: 1982 to 1998

Courses (Carnegie credits)	1982	1987	1990	1994	1998							
					Total	Sex		Race/ethnicity				
						Male	Female	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native
1	2	3	4	5	6	7	8	9	10	11	12	13
Mathematics[1]												
Any mathematics (1.0)	98.5	99.0	99.9	99.8	99.8	99.8	99.8	99.8	99.9	99.8	100.0	99.7
Algebra I (1.0)[2]	55.2	58.8	63.7	65.8	62.8	62.0	63.6	63.5	62.3	61.4	56.8	63.3
Geometry (1.0)	47.1	58.6	63.2	70.0	75.1	73.7	77.3	77.7	72.5	62.3	75.9	57.2
Algebra II (0.5)[3]	39.9	49.0	52.8	61.1	61.7	59.8	63.7	64.6	55.6	48.3	70.1	46.6
Trigonometry (0.5)	8.1	11.5	9.6	11.7	8.9	8.2	9.7	10.0	4.8	5.6	11.7	5.5
Analysis/pre-calculus (0.5)	6.2	12.8	13.3	17.3	23.1	23.1	22.8	25.0	13.8	15.3	41.3	16.4
Statistics/probability (0.5)	1.0	1.1	1.0	2.0	3.7	3.4	3.9	4.3	2.1	1.7	3.8	3.7
Calculus (1.0)	5.0	6.1	6.5	9.3	11.0	11.2	10.6	12.1	6.6	6.2	18.4	6.2
AP calculus (1.0)	1.6	3.4	4.1	7.0	6.7	7.3	6.4	7.5	3.4	3.7	13.4	0.6
Science												
Any science (1.0)	96.4	97.8	99.3	99.5	99.5	99.5	99.6	99.5	99.3	99.3	99.4	99.4
Biology (1.0)	77.4	86.0	91.0	93.2	92.7	91.4	94.1	93.7	92.8	86.5	92.9	91.3
AP/honors biology (1.0)	10.0	9.4	10.1	11.9	16.2	14.5	18.0	16.7	15.4	12.6	22.2	6.0
Chemistry (1.0)	32.1	44.2	48.9	55.8	60.4	57.1	63.5	63.2	54.3	46.1	72.4	46.9
AP/honors chemistry (1.0)	3.0	3.5	3.5	3.9	4.7	4.9	4.7	4.8	3.5	4.0	10.9	0.9
Physics (1.0)	15.0	20.0	21.6	24.5	28.8	31.7	26.2	30.7	21.4	18.9	46.4	16.2
AP/honors physics (1.0)	1.2	1.8	2.0	2.7	3.0	4.0	2.1	3.0	2.1	2.1	7.6	0.9
Engineering (1.0)	1.2	2.6	4.2	4.5	6.7	7.1	6.5	7.9	4.8	2.3	5.2	9.6
Astronomy (0.5)	1.2	1.0	1.2	1.7	1.9	2.4	1.5	2.4	0.9	0.8	1.0	2.1
Geology/earth science (0.5)	13.6	13.4	24.7	22.9	20.7	21.5	20.1	21.5	24.2	15.9	9.5	21.7
Biology and chemistry (2.0)	29.3	41.4	47.5	53.7	59.0	55.4	62.3	62.0	53.0	43.7	69.5	43.2
Biology, chemistry, and physics (3.0)	11.2	16.6	18.8	21.4	25.4	27.4	23.7	27.6	17.4	15.9	40.2	14.2

[1] These data only report the percentage of students who earned credit in each mathematics course while in high school and do not count those students who took these courses prior to entering high school.

[2] Excludes prealgebra.

[3] Includes algebra/trigonometry and algebra/geometry.

NOTE: Data differ slightly from figures appearing in other NCES reports because of differences in taxonomies and case exclusion criteria.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," First Followup survey; "1990 High School Transcript Study;" "National Education Longitudinal Study of 1988," Second Followup survey; "1994 High School Transcript Study;" and "1998 High School Transcript Study." (This table was prepared February 2000.)

Table 143.—Percent of public high school graduates earning minimum credits in selected combinations of academic courses, by sex and race/ethnicity: 1982 to 1998

Year of graduation and course combinations taken[1]	All students	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian	American Indian/ Alaskan Native
1	2	3	4	5	6	7	8	9
1982 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math, .5 Comp., and 2 F.L.[2]	2.0	2.3	1.8	2.4	0.7	0.6	5.8	1.1
4 Eng., 3 S.S., 3 Sci., 3 Math, and 2 F.L.	9.5	9.1	9.9	10.9	5.2	3.9	17.0	3.3
4 Eng., 3 S.S., 3 Sci., 3 Math	14.3	15.2	13.4	15.9	11.0	6.7	21.1	8.1
4 Eng., 3 S.S., 2 Sci., 2 Math	31.5	31.7	31.3	32.4	30.8	25.6	32.0	23.6
1987 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math, .5 Comp., and 2 F.L.[2]	10.6	11.5	9.8	11.3	6.6	5.5	20.5	2.5
4 Eng., 3 S.S., 3 Sci., 3 Math, and 2 F.L.	18.1	18.0	18.3	19.0	12.7	10.8	35.7	4.9
4 Eng., 3 S.S., 3 Sci., 3 Math	24.8	25.9	23.7	26.1	19.6	14.5	39.8	24.3
4 Eng., 3 S.S., 2 Sci., 2 Math	48.1	48.0	48.4	48.1	48.3	43.9	57.9	61.8
1990 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math, .5 Comp., and 2 F.L.[2]	18.0	17.8	18.2	18.6	15.1	17.8	23.3	7.8
4 Eng., 3 S.S., 3 Sci., 3 Math, and 2 F.L.	29.9	28.8	31.0	31.7	22.9	25.4	42.6	9.9
4 Eng., 3 S.S., 3 Sci., 3 Math	38.2	38.5	37.9	39.2	39.0	29.8	47.4	19.2
4 Eng., 3 S.S., 2 Sci., 2 Math	65.5	64.3	66.4	64.9	71.3	63.7	69.1	46.3
1994 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math, .5 Comp., and 2 F.L.[2]	25.1	23.4	26.8	26.4	19.0	27.1	35.5	12.9
4 Eng., 3 S.S., 3 Sci., 3 Math, and 2 F.L.	39.0	35.0	42.7	41.6	29.6	35.6	50.1	22.5
4 Eng., 3 S.S., 3 Sci., 3 Math	49.3	47.0	51.5	52.4	43.7	40.3	54.9	46.0
4 Eng., 3 S.S., 2 Sci., 2 Math	73.9	71.2	76.4	75.1	74.5	74.7	72.3	76.3
1998 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math, .5 Comp., and 2 F.L.[2]	28.6	27.6	30.1	29.6	27.9	20.4	38.6	16.5
4 Eng., 3 S.S., 3 Sci., 3 Math, and 2 F.L.	44.2	40.5	48.2	46.2	40.0	32.0	57.8	28.3
4 Eng., 3 S.S., 3 Sci., 3 Math	55.0	52.9	57.8	56.8	55.6	40.0	66.1	40.0
4 Eng., 3 S.S., 2 Sci., 2 Math	74.5	72.8	77.0	74.7	76.0	70.1	79.5	76.4

[1] Eng. = English; S.S. = social studies; Sci. = science; Comp. = computer science; and F.L. = foreign language.

[2] The National Commission on Excellence in Education recommended that all college-bound high school students take these courses as a minimum.

NOTE: Data differ slightly from figures appearing in other NCES reports because of differences in taxonomies and case exclusion criteria.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," First Followup survey; "1990 High School Transcript Study;" "National Education Longitudinal Study of 1988," Second Followup survey; "1994 High School Transcript Study;" and "1998 High School Transcript Study." (This table was prepared February 2000.)

Table 144.—Percentage of 3- to 5-year-olds not yet enrolled in kindergarten, who have participated in home literacy activities with a family member, by selected child and family characteristics: 1993 and 1999

Child and family characteristics	Children, in thousands		Percent participating 3 or more times in the past week								Visited a library[1]	
			Read to		Told a story		Taught letters, words, or numbers		Did arts and crafts			
	1993	1999	1993	1999	1993	1999	1993	1999	1993	1999	1993	1999
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**8,579**	**8,525**	**78 (0.6)**	**82 (0.7)**	**43 (0.9)**	**50 (1.0)**	**58 (0.8)**	**64 (0.9)**	**34 (0.8)**	**39 (1.0)**	**38 (1.0)**	**37 (0.9)**
Age												
3 years old	3,889	3,814	79 (1.0)	82 (1.1)	46 (1.3)	53 (1.5)	57 (1.3)	66 (1.4)	34 (1.3)	41 (1.5)	34 (1.3)	33 (1.4)
4 years old	3,713	3,705	78 (1.0)	82 (1.1)	41 (1.5)	48 (1.5)	58 (1.1)	63 (1.4)	33 (1.1)	38 (1.4)	41 (1.5)	39 (1.4)
5 years old	976	1,006	76 (2.1)	79 (2.4)	36 (2.7)	45 (2.9)	58 (2.8)	65 (2.7)	33 (2.3)	35 (2.7)	38 (2.7)	42 (2.9)
Sex												
Male	4,453	4,364	77 (1.0)	81 (1.0)	43 (1.2)	50 (1.4)	58 (1.0)	64 (1.3)	31 (1.0)	38 (1.3)	38 (1.5)	35 (1.3)
Female	4,126	4,162	79 (1.0)	82 (1.1)	43 (1.2)	50 (1.4)	58 (1.3)	65 (1.4)	36 (1.2)	40 (1.4)	38 (1.1)	38 (1.4)
Race/ethnicity												
White, non-Hispanic	5,902	5,389	85 (0.7)	89 (0.8)	44 (1.0)	53 (1.3)	58 (0.9)	65 (1.2)	36 (1.0)	44 (1.2)	42 (1.3)	40 (1.2)
Black, non-Hispanic	1,271	1,214	66 (2.3)	72 (2.4)	39 (2.7)	44 (2.7)	63 (2.7)	67 (2.6)	28 (2.4)	27 (2.3)	29 (2.6)	34 (2.5)
Hispanic	1,026	1,376	58 (2.4)	62 (2.1)	38 (2.2)	40 (2.1)	54 (1.9)	57 (2.2)	25 (2.1)	32 (2.0)	26 (1.6)	24 (1.8)
Other	381	547	73 (3.8)	82 (3.0)	50 (5.3)	54 (4.0)	59 (3.9)	68 (3.8)	32 (3.2)	33 (3.9)	43 (4.5)	43 (4.0)
Mother's highest education[2]												
Less than high school	1,036	1,083	60 (2.7)	64 (2.6)	37 (3.2)	37 (2.8)	56 (2.7)	56 (2.9)	25 (2.2)	27 (2.5)	22 (2.7)	17 (2.1)
High school diploma or equivalent	3,268	2,360	76 (1.3)	77 (1.6)	41 (1.3)	49 (1.9)	56 (1.3)	66 (1.9)	30 (1.2)	39 (1.9)	31 (1.8)	31 (1.8)
Vocational/technical or some college	2,624	2,596	83 (1.4)	85 (1.2)	45 (1.7)	52 (1.7)	60 (1.5)	67 (1.6)	38 (1.6)	40 (1.7)	44 (2.0)	40 (1.7)
College degree	912	1,485	90 (1.6)	92 (1.2)	48 (2.4)	55 (2.2)	56 (2.2)	66 (2.1)	37 (2.3)	43 (2.2)	55 (2.2)	51 (2.2)
Graduate/professional training or degree	569	727	90 (2.1)	93 (1.5)	50 (3.1)	52 (3.2)	60 (2.7)	61 (3.1)	42 (3.0)	48 (3.2)	59 (3.4)	49 (3.2)
Mother's employment status[2]												
Employed	4,486	5,097	79 (1.0)	82 (1.0)	44 (1.0)	50 (1.3)	57 (1.2)	65 (1.2)	33 (1.1)	37 (1.2)	39 (1.2)	36 (1.2)
Unemployed	594	443	71 (3.4)	73 (3.5)	43 (2.9)	49 (4.3)	66 (3.6)	64 (4.1)	34 (3.9)	40 (4.2)	37 (3.7)	31 (3.9)
Not in labor force	3,328	2,712	79 (1.3)	84 (1.3)	43 (1.4)	50 (1.8)	58 (1.5)	65 (1.7)	34 (1.4)	43 (1.7)	37 (1.4)	41 (1.7)
Family composition of household												
Two parents	6,226	6,058	81 (0.7)	85 (0.8)	44 (0.9)	52 (1.1)	57 (0.9)	64 (1.1)	35 (0.9)	42 (1.1)	41 (1.2)	40 (1.1)
None or one parent	2,353	2,467	71 (1.7)	74 (1.7)	41 (2.0)	44 (1.9)	59 (2.1)	65 (1.9)	30 (1.9)	33 (1.8)	30 (1.7)	29 (1.8)
Poverty status												
Above poverty threshold	6,323	6,683	82 (0.7)	85 (0.7)	44 (0.9)	52 (1.0)	57 (0.8)	66 (1.0)	36 (0.9)	41 (1.0)	41 (1.2)	40 (1.0)
At or below poverty threshold	2,256	1,842	68 (1.6)	70 (2.2)	39 (1.8)	42 (2.5)	59 (2.0)	59 (2.5)	27 (1.9)	34 (2.4)	28 (2.0)	24 (2.1)

[1] Refers to visiting a library at least once in the past month.

[2] Excludes children who did not have a mother (birth, adoptive, step, or foster) residing in their household and also did not have a female respondent on the telephone.

NOTE: Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey, *Home Literacy Activities and Signs of Children's Emerging Literacy, 1993 and 1999*. (This table was prepared June 2001.)

Table 145.—Percent of public high school seniors who say they engage in various activities, by student characteristics: 1982 and 1992

Activity	Total	Sex		Race/ethnicity					Socioeconomic status			Control of school attended		
		Male	Female	White	Black	Hispanic	Asian	American Indian	Low	Middle	High	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Percent of 12th graders, 1982													
At least once a week														
Talking with friends	92.7	92.5	93.0	94.2	89.1	88.9	86.7	91.3	88.6	93.7	95.6	92.3	96.4	97.2
Reading for pleasure	50.4	43.4	57.1	51.0	53.9	43.1	56.4	50.3	45.2	50.1	56.8	50.1	51.4	56.2
Going on dates	61.3	60.6	62.0	63.9	51.9	58.1	40.3	54.5	55.8	63.4	62.8	61.4	60.7	60.7
Driving or riding around	62.4	65.9	59.1	65.2	48.9	60.7	42.4	62.3	56.2	65.0	65.1	62.6	64.6	55.0
Thinking or daydreaming	68.5	61.8	74.8	71.1	64.6	58.0	62.4	53.9	63.3	67.5	75.9	67.7	75.2	76.5
Talking with parents	83.9	79.9	87.6	85.6	80.1	78.0	79.8	76.0	78.5	84.7	87.8	83.4	87.7	87.9
Reading front page of newspaper	69.1	70.8	67.5	69.7	71.9	63.3	73.5	61.8	61.5	69.1	77.0	68.5	75.7	72.0
Five or more hours on weekdays														
Watches television	11.5	11.9	11.2	9.4	22.2	13.8	8.1	20.9	16.5	11.5	6.4	12.1	8.0	3.9
	Percent of 12th graders, 1992													
At least once a week														
Use personal computer	23.7	28.1	19.3	23.9	23.6	20.9	27.0	23.8	18.9	23.3	27.7	23.4	25.2	28.0
Work on hobbies	40.9	44.4	37.4	42.0	34.8	39.9	37.8	49.8	36.3	41.1	43.5	40.6	43.4	43.2
Attend religious activities	31.0	28.1	33.8	31.4	33.7	26.9	30.4	14.6	22.2	29.4	39.9	29.4	38.8	54.9
Attend youth groups	22.4	24.6	20.1	22.5	23.3	18.5	26.4	22.1	16.6	21.3	28.1	21.8	22.9	33.3
Perform community service	11.3	10.7	11.9	11.1	12.1	10.9	14.0	9.2	7.7	9.5	16.7	9.7	22.3	31.2
Driving or riding around	73.3	74.3	72.3	75.7	67.8	66.2	66.7	71.0	69.6	75.3	72.4	73.4	77.8	63.0
Do things with friends	88.1	88.2	88.0	90.7	79.8	82.4	85.9	77.2	80.8	88.1	93.2	87.5	94.5	91.9
Do things with parent	66.7	61.2	72.1	68.2	62.0	63.8	63.4	61.2	59.6	66.3	71.7	66.0	73.6	72.8
Talk with other adult	47.7	45.4	49.9	48.8	44.3	46.2	43.0	44.0	47.6	49.0	45.0	47.3	46.4	58.8
Take music, art, or dance class	10.1	7.9	12.2	9.9	9.7	9.8	14.0	10.6	7.1	8.8	14.0	9.7	13.4	12.4
Take sports lessons	7.3	9.7	5.0	7.0	7.4	8.2	9.4	11.6	5.6	6.6	9.5	7.1	11.1	7.8
Play ball or other sport	26.3	38.8	14.0	27.1	22.9	23.6	28.7	29.4	20.7	24.5	33.1	25.6	34.0	31.4
More than an hour a day														
Reading for pleasure	55.4	53.1	57.7	56.3	51.0	53.5	54.4	59.3	51.6	55.0	58.6	55.0	56.0	62.9
Plays video games	13.0	19.2	6.8	11.7	19.9	13.0	13.5	21.1	16.9	13.7	9.4	13.3	10.4	8.9
Five or more hours on weekdays														
Watches television	8.4	8.5	8.4	6.4	21.3	9.3	6.4	12.7	12.0	9.4	4.1	8.7	7.9	4.1

NOTE: Socioeconomic status was measured by a composite score on parental education and occupations, and family income. The "Low" SES group is the lowest quartile; the "Middle" SES group is the middle two quartiles; and the "High" SES group is the upper quartile.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988," Second Followup survey, and "High School and Beyond," First Followup survey. (This table was prepared March 1994.)

Table 146.—Percent of high school seniors who participate in selected school-sponsored extracurricular activities, by student characteristics: 1980 and 1992

Student characteristics	Academic clubs		Athletics		Cheerleading and drill team		Newspaper or yearbook		Music, drama, debate		Vocational clubs	
	1980	1992	1980	1992	1980	1992	1980	1992	1980	1992	1980	1992
1	2	3	4	5	6	7	8	9	10	11	12	13
All seniors	**25.6**	**25.1**	**51.8**	**42.9**	**15.1**	**7.5**	**19.9**	**18.8**	**36.5**	**27.9**	**23.1**	**17.7**
Male	20.3	22.8	64.0	55.3	4.5	2.0	15.4	14.0	28.4	23.0	19.1	14.7
Female	30.9	27.4	40.6	30.3	24.8	13.0	24.0	23.5	44.0	32.7	26.7	20.6
Race/ethnicity												
White	25.0	25.8	51.6	44.1	14.9	7.4	20.1	19.7	35.8	28.1	22.3	17.6
Black	33.1	20.6	54.4	41.4	17.6	10.6	17.8	14.3	43.2	32.2	30.1	22.5
Hispanic	24.2	22.6	49.4	35.3	12.3	6.6	15.8	16.8	31.1	22.3	27.3	16.4
Asian	26.6	32.3	48.8	45.2	14.6	5.1	21.4	18.9	36.6	25.8	9.6	8.8
Test performance quartile												
Lowest test quartile	24.6	18.1	46.3	40.3	15.0	8.5	14.6	12.0	31.8	23.3	33.0	25.0
Middle 2 test quartiles	24.3	23.3	49.4	42.3	16.0	7.6	18.7	17.1	35.6	26.5	24.2	20.0
Highest test quartile	29.0	37.1	54.0	49.0	13.5	7.9	27.1	27.9	43.4	35.2	12.4	11.4
Socioeconomic status [1]												
Low quartile	24.6	19.4	43.2	33.9	13.0	6.7	15.7	14.2	31.0	24.1	30.6	24.8
Middle 2 quartiles	24.3	24.5	52.1	41.7	15.9	8.0	19.2	17.5	35.8	27.8	24.1	18.5
High quartile	29.0	31.7	61.7	53.9	15.6	7.7	25.3	25.5	43.8	31.6	13.4	9.3
Region												
Northwest	19.6	23.1	54.5	48.6	11.5	6.9	24.6	28.3	34.5	28.4	10.6	8.1
Midwest	21.4	25.4	52.8	45.8	15.3	8.0	18.4	18.2	37.1	32.0	20.0	18.4
South	30.8	28.2	48.2	38.8	18.0	8.5	18.8	15.0	37.9	25.6	40.0	27.2
West	21.9	21.6	52.9	40.6	14.0	6.0	16.8	16.5	35.2	25.6	15.8	10.0
High school program [2]												
General	19.6	18.3	49.9	37.8	14.0	7.1	16.7	14.6	34.5	26.3	22.6	16.7
Academic	28.7	34.2	60.1	50.8	17.2	8.8	26.9	24.9	44.1	32.8	13.1	12.6
Vocational	23.1	14.7	42.4	30.1	13.3	4.9	13.2	11.2	27.7	16.2	39.3	41.2

[1] Socioeconomic status was measured by a composite score on parental education and occupations, and family income. The "low" SES group is the lowest quartile; the middle SES group is the middle two quartiles; and the "high" SES group is the upper quartile.

[2] Program as reported by student.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," Senior Cohort, and "National Education Longitudinal Study of 1988," Second Followup survey. (This table was prepared February 1996.)

Table 147.—Percentage of students in grades 9 through 12 who reported experience with drugs and violence on school property, by race/ethnicity, grade, and sex: 1997 and 1999

Type of violence or drug-related behavior	1997	1999							
	Total	Total	Race/ethnicity			Grade			
			White	Black	Hispanic	9	10	11	12
1	2	3	4	5	6	7	8	9	10
Felt too unsafe to go to school [1]									
Total	4.0	5.2	3.9	6.0	11.2	7.0	4.8	4.5	3.9
Male	4.1	4.8	3.6	4.9	12.3	6.2	4.4	4.6	3.4
Female	3.9	5.7	4.3	7.1	10.2	7.9	5.2	4.3	4.5
Carried a weapon on school property [1,2]									
Total	8.5	6.9	6.4	5.0	7.9	7.2	6.6	7.0	6.2
Male	12.5	11.0	11.0	5.3	12.3	11.4	10.5	11.1	10.1
Female	3.7	2.8	1.6	4.8	3.7	3.0	2.8	2.9	2.3
Threatened or injured with a weapon on school property [3]									
Total	7.4	7.7	6.6	7.6	9.8	10.5	8.2	6.1	5.1
Male	10.2	9.5	7.9	9.0	13.1	12.6	10.9	7.0	6.6
Female	4.0	5.8	5.2	6.4	6.6	8.4	5.4	5.1	3.5
Engaged in a physical fight on school property [3]									
Total	14.8	14.2	12.3	18.7	15.7	18.6	17.2	10.8	8.1
Male	20.0	18.5	17.2	19.0	20.6	24.3	22.3	14.4	10.2
Female	8.6	9.8	7.1	18.4	10.8	12.7	12.1	7.1	6.0
Property stolen or deliberately damaged on school property [3]									
Total	32.9	—	—	—	—	—	—	—	—
Male	36.1	—	—	—	—	—	—	—	—
Female	29.0	—	—	—	—	—	—	—	—
Cigarette use on school property [1]									
Total	14.6	14.0	15.6	6.7	12.9	11.8	14.9	14.2	14.9
Male	15.9	14.8	16.5	7.7	15.3	11.9	14.4	14.8	18.2
Female	13.0	13.2	14.7	5.8	10.6	11.7	15.4	13.7	11.7
Smokeless tobacco use on school property [4]									
Total	5.1	4.2	5.9	0.5	2.5	3.5	4.2	4.0	4.9
Male	9.0	8.1	11.4	0.9	3.5	6.6	8.1	7.8	9.5
Female	0.4	0.3	0.1	0.1	1.5	0.3	0.3	0.2	0.2
Alcohol use on school property [1]									
Total	5.6	4.9	4.8	4.3	7.0	4.4	5.0	4.7	5.0
Male	7.2	6.1	6.1	6.2	7.3	4.1	6.0	6.5	7.6
Female	3.6	3.6	3.4	2.6	6.7	4.5	4.1	2.9	2.4
Marijuana use on school property [1]									
Total	7.0	7.2	6.5	7.2	10.7	6.6	7.6	7.0	7.3
Male	9.0	10.1	9.2	9.8	14.7	8.7	11.4	9.2	10.4
Female	4.6	4.4	3.6	4.9	6.9	4.4	3.8	4.9	4.2
Offered, sold, or given an illegal drug on school property [3]									
Total	31.7	30.2	28.8	25.3	36.9	27.6	32.1	31.1	30.5
Male	37.4	34.7	33.2	30.1	44.4	31.6	37.5	33.9	36.7
Female	24.7	25.7	24.1	20.9	29.5	23.5	26.9	28.4	24.4

—Not available.

[1] On one or more of the 30 days preceding the survey.

[2] Such as a gun, knife, or club

[3] One or more times during the 12 months preceding the survey.

[4] Used chewing tobacco or snuff during 1 of the 30 days preceding the survey.

SOURCE: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, CDC Surveillance Summaries, June 9, 2000, MMWR 2000; 47 (No. SS-5). (This table was prepared June 2000.)

Table 148.—Percent of 12- to 17-year olds reporting drug use during the past 30 days and the past year: 1982 to 1999

Type of drug and frequency use	1982	1985	1988	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Percent reporting drug use during past 30 days												
Any illicit use	—	13.2	8.1	7.1	5.8	5.3	5.7	8.2	10.9	9.0	11.4	9.9	10.9
Marijuana	9.9	10.2	5.4	4.4	3.6	3.4	4.0	6.0	8.2	7.1	9.4	8.3	7.7
Cocaine	1.9	1.5	1.2	0.6	0.4	0.3	0.4	0.3	0.8	0.6	1.0	0.8	0.5
Alcohol	34.9	41.2	33.4	32.5	27.0	20.9	23.9	21.6	21.1	18.8	20.5	19.1	18.6
Cigarettes	—	29.4	22.7	22.4	20.9	18.4	18.5	18.9	20.2	18.3	19.9	18.2	14.9
	Percent reporting drug use during past year												
Any illicit use	—	20.7	14.9	14.1	13.1	10.4	11.9	15.5	18.0	16.7	18.8	16.4	20.3
Marijuana	17.7	16.7	10.7	9.6	8.5	6.9	8.5	11.4	14.2	13.0	15.8	14.1	14.4
Cocaine	3.7	3.4	2.5	1.9	1.3	1.0	0.7	1.1	1.7	1.4	2.2	1.7	1.6
Alcohol	46.1	52.7	45.5	41.8	41.2	33.3	35.9	36.2	35.1	32.7	34.0	31.8	34.9
Cigarettes	—	29.9	26.8	26.2	23.7	21.4	22.5	24.5	26.6	24.2	26.4	23.8	23.5

—Not available.

NOTE: Marijuana includes hashish usage for 1996 and later years. Due to changes in the survey instrument and administration and to improve comparability with new data, estimates for 1982 through 1993 have been adjusted and may differ from those reported in previous years. Data for 1999 gathered using Computer Assisted Interviewing (CAI) and may not be directly comparable to previous years.

SOURCE: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, "National Household Survey on Drug Abuse," various years. (This table was prepared May 2001.)

Table 149.—Percent of high school seniors reporting drug use, by type of drug and frequency of use: 1975 to 2000

Type of drug and frequency of use	Class of 1975	Class of 1980	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Percent reporting having ever used drugs																		
Alcohol[1]	90.4	93.2	92.6	92.2	91.3	92.2	92.0	90.7	89.5	88.0	87.5	80.0	80.4	80.7	79.2	81.7	81.4	80.0	80.3
Any illicit drug	55.2	65.4	61.6	60.6	57.6	56.6	53.9	50.9	47.9	44.1	40.7	42.9	45.6	48.4	50.8	54.3	54.1	54.7	54.0
Marijuana only	19.0	26.7	21.3	20.9	19.9	20.8	21.4	19.5	18.5	17.2	15.6	16.2	18.0	20.3	22.3	—	—	—	—
Any illicit drug other than marijuana[2]	36.2	38.7	40.3	39.7	37.7	35.8	32.5	31.4	29.4	26.9	25.1	26.7	27.6	28.1	28.5	30.0	29.4	29.4	29.0
Use of selected drugs																			
Cocaine	9.0	15.7	16.1	17.3	16.9	15.2	12.1	10.3	9.4	7.8	6.1	6.1	5.9	6.0	7.1	8.7	9.3	9.8	8.6
Heroin	2.2	1.1	1.3	1.2	1.1	1.2	1.1	1.3	1.3	0.9	1.2	1.1	1.2	1.6	1.8	2.1	2.0	2.0	2.4
LSD	11.3	9.3	8.0	7.5	7.2	8.4	7.7	8.3	8.7	8.8	8.6	10.3	10.5	11.7	12.6	13.6	12.6	12.2	11.1
Marijuana/hashish	47.3	60.3	54.9	54	51	50.2	47.2	43.7	40.7	36.7	32.6	35.3	38.2	41.7	44.9	49.6	49.1	49.7	48.8
PCP	—	9.6	5.0	4.9	4.8	3.0	2.9	3.9	2.8	2.9	2.4	2.9	2.8	2.7	4.0	3.9	3.9	3.4	3.4
	Percent reporting use of drugs in the past 12 months																		
Alcohol[1]	84.8	87.9	86.0	85.6	84.5	85.7	85.3	82.7	80.6	77.7	76.8	72.7	73.0	73.7	72.5	74.8	74.3	73.8	73.2
Any illicit drug	45.0	53.1	45.8	46.3	44.3	41.7	38.5	35.4	32.5	29.4	27.1	31.0	35.8	39.0	40.2	42.4	41.4	42.1	40.9
Marijuana only	18.8	22.7	17.8	18.9	18.4	17.6	17.4	15.4	14.6	13.2	12.2	13.9	17.8	19.6	20.4	—	—	—	—
Any illicit drug other than marijuana[2]	26.2	30.4	28.0	27.4	25.9	24.1	21.1	20.0	17.9	16.2	14.9	17.1	18.0	19.4	19.8	20.7	20.2	20.7	20.4
Use of selected drugs																			
Cocaine	5.6	12.3	11.6	13.1	12.7	10.3	7.9	6.5	5.3	3.5	3.1	3.3	3.6	4.0	4.9	5.5	5.7	6.2	5.0
Heroin	1.0	0.5	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.4	0.6	0.5	0.6	1.1	1.0	1.2	1.0	1.1	1.5
LSD	7.2	6.5	4.7	4.4	4.5	5.2	4.8	4.9	5.4	5.2	5.6	6.8	6.9	8.4	8.8	8.4	7.6	8.1	6.6
Marijuana/hashish	40.0	48.8	40.0	40.6	38.8	36.3	33.1	29.6	27.0	23.9	21.9	26.0	30.7	34.7	35.8	38.5	37.5	37.8	36.5
PCP	—	4.4	2.3	2.9	2.4	1.3	1.2	2.4	1.2	1.4	1.4	1.4	1.6	1.8	2.6	2.3	2.1	1.8	2.3
	Percent reporting use of drugs in the past 30 days																		
Alcohol[1]	68.2	72.0	67.2	65.9	65.3	66.4	63.9	60.0	57.1	54.0	51.3	48.6	50.1	51.3	50.8	52.7	52.0	51.0	50.0
Any illicit drug	30.7	37.2	29.2	29.7	27.1	24.7	21.3	19.7	17.2	16.4	14.4	18.3	21.9	23.8	24.6	26.2	25.6	25.9	24.9
Marijuana only	15.3	18.8	14.1	14.8	13.9	13.1	11.3	10.6	9.2	9.3	8.1	10.4	13.1	13.8	15.1	—	—	—	—
Any illicit drug other than marijuana[2]	15.4	18.4	15.1	14.9	13.2	11.6	10.0	9.1	8.0	7.1	6.3	7.9	8.8	10.0	9.5	10.7	10.7	10.4	10.4
Use of selected drugs																			
Cocaine	1.9	5.2	5.8	6.7	6.2	4.3	3.4	2.8	1.9	1.4	1.3	1.3	1.5	1.8	2.0	2.3	2.4	2.6	2.1
Heroin	0.4	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.6	0.5	0.5	0.5	0.5	0.7
LSD	2.3	2.3	1.5	1.6	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.4	2.6	4.0	2.5	3.1	3.2	2.7	1.6
Marijuana/hashish	27.1	33.7	25.2	25.7	23.4	21.0	18.0	16.7	14.0	13.8	11.9	15.5	19.0	21.2	21.9	23.7	22.8	23.1	21.6
PCP	—	1.4	1.0	1.6	1.3	0.6	0.3	1.4	0.4	0.5	0.6	1.0	0.7	0.6	1.3	0.7	1.0	0.8	0.9

—Not available.

[1] Survey question changed in 1993; data are not comparable to figures for earlier years.

[2] Other illicit drugs include any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of other narcotics, amphetamines, barbiturates, or tranquilizers not under a doctor's orders.

NOTE: A revised questionnaire was used in 1982 and later years to reduce the inappropriate reporting of nonprescription stimulants. This slightly reduced the positive responses for some types of drug abuse.

SOURCE: University of Michigan, Institute for Social Research, "Monitoring the Future" Study. (This table was prepared April 2001.)

Table 150.—Percent of public schools reporting crime incidents and the seriousness of crime incidents reported, by school characteristics: 1996–97

School characteristics	No incidents reported	Any incidents reported			Serious violent crimes						
		Total, all crimes			Total			Rape or other sexual battery		Physical attacks or fights with weapons	
		Percent of schools	Number of incidents, in thousands	Number of incidents, per 100,000 students	Percent of schools	Number of incidents, in thousands	Number of incidents per 100,000 students	Percent of schools	Number of incidents, in thousands	Percent of schools	Number of incidents, in thousands
All public schools	**43 (2.1)**	**57 (2.1)**	**424.8 (27.6)**	**1,003 (66)**	**10 (0.8)**	**22.6 (3.3)**	**53 (8)**	**3 (0.5)**	**4.2 (0.7)**	**6 (0.5)**	**11.0 (1.9)**
Instructional level											
Elementary school	55 (3.2)	45 (3.2)	78.9 (10.9)	352 (49)	4 (1.1)	2.9 (0.8)	13 (4)	1 (0.5)	0.7 (0.4)	2 (0.8)	1.6 (0.6)
Middle school	26 (2.3)	74 (2.3)	136.4 (15.6)	1,623 (184)	19 (1.9)	7.8 (2.4)	93 (29)	5 (1.2)	1.4 (0.4)	12 (1.2)	4.1 (1.4)
High school	23 (2.4)	77 (2.4)	209.5 (14.9)	1,807 (130)	21 (2.1)	11.9 (1.8)	103 (16)	8 (1.3)	2.1 (0.3)	13 (1.5)	5.3 (1.1)
Size of enrollment											
Less than 300	62 (4.9)	38 (4.9)	40.3 (7.9)	1,073 (189)	4 (1.4)	2.3 (1.3)	61 (35)	1 (0.6)	0.3 (0.2)	2 (0.9)	1.4 (1.0)
300 to 999	40 (2.2)	60 (2.2)	204.1 (16.7)	730 (62)	9 (1.2)	10.8 (2.8)	38 (10)	2 (0.6)	2.0 (0.6)	6 (0.8)	5.7 (1.6)
1,000 or more	11 (2.3)	89 (2.3)	180.4 (17.8)	1,692 (163)	33 (2.4)	9.6 (1.2)	90 (11)	11 (1.7)	1.8 (0.3)	20 (2.0)	3.9 (0.5)
Locale											
City	41 (3.7)	59 (3.7)	146.7 (17.2)	1,164 (141)	17 (2.1)	11.9 (2.6)	95 (21)	5 (1.0)	1.9 (0.4)	10 (1.7)	5.4 (1.5)
Urban fringe	42 (3.2)	58 (3.2)	110.6 (16.0)	882 (126)	11 (1.8)	4.7 (1.0)	38 (8)	4 (1.0)	1.1 (0.3)	6 (1.2)	2.1 (0.4)
Town	37 (3.8)	63 (3.8)	104.0 (9.2)	1,023 (96)	5 (1.4)	2.8 (1.3)	28 (13)	1 (0.5)	0.3 (0.1)	3 (0.9)	1.7 (1.0)
Rural	53 (4.2)	47 (4.2)	63.3 (8.9)	898 (125)	8 (1.5)	3.1 (0.7)	45 (10)	2 (0.9)	0.8 (0.4)	5 (1.2)	1.8 (0.6)
Region											
Northeast	48 (4.4)	52 (4.4)	67.4 (12.5)	806 (140)	7 (1.1)	3.2 (0.6)	39 (8)	2 (0.6)	0.5 (0.1)	4 (1.0)	1.1 (0.3)
Southeast	41 (3.8)	59 (3.8)	95.4 (12.0)	922 (122)	9 (1.6)	4.1 (1.1)	40 (10)	4 (0.9)	1.2 (0.3)	5 (1.3)	1.6 (0.4)
Central	49 (4.5)	51 (4.5)	95.2 (15.2)	954 (146)	11 (2.2)	7.8 (2.5)	78 (25)	3 (1.0)	1.2 (0.5)	6 (1.4)	4.3 (1.6)
West	36 (3.5)	64 (3.5)	166.8 (12.2)	1,218 (95)	12 (1.4)	7.5 (1.4)	55 (11)	3 (0.8)	1.3 (0.3)	8 (1.2)	3.9 (1.0)
Percent minority enrollment											
Less than 5 percent	53 (3.7)	47 (3.7)	66.2 (8.6)	693 (87)	6 (1.3)	1.6 (0.4)	19 (5)	2 (0.8)	0.7 (0.3)	3 (0.9)	0.9 (0.2)
5 to 19 percent	42 (3.8)	58 (3.8)	89.1 (10.2)	871 (90)	11 (2.1)	4.1 (1.4)	40 (13)	3 (1.2)	0.8 (0.3)	6 (1.2)	2.4 (1.0)
20 to 49 percent	42 (3.6)	58 (3.6)	103.5 (14.1)	1,018 (129)	11 (1.6)	5.2 (0.9)	51 (9)	4 (0.7)	1.5 (0.3)	7 (1.6)	2.2 (0.5)
50 percent or more	32 (3.2)	68 (3.2)	159.4 (21.9)	1,325 (181)	15 (1.8)	11.5 (2.8)	96 (25)	4 (1.0)	1.3 (0.3)	9 (1.3)	5.4 (1.5)
Percent of students eligible for free or reduced-price school lunch											
Less than 20 percent	46 (3.3)	54 (3.3)	91.7 (9.9)	813 (80)	9 (1.5)	2.9 (0.6)	26 (5)	3 (0.8)	0.8 (0.2)	5 (1.2)	1.4 (0.3)
20 to 34 percent	47 (4.3)	53 (4.3)	84.1 (11.6)	916 (134)	12 (2.0)	5.3 (1.1)	56 (11)	3 (1.0)	1.1 (0.4)	6 (1.3)	2.4 (0.5)
35 to 49 percent	41 (5.0)	59 (5.0)	72.9 (11.4)	1,073 (175)	12 (2.3)	3.3 (0.8)	49 (11)	4 (1.7)	1.0 (0.4)	6 (1.7)	1.5 (0.5)
50 to 74 percent	41 (4.1)	59 (4.1)	93.9 (16.1)	1,167 (194)	9 (1.4)	5.5 (2.5)	68 (31)	2 (0.4)	0.6 (0.2)	6 (1.3)	2.9 (1.5)
75 percent or more	41 (4.7)	59 (4.7)	75.8 (10.6)	1,125 (151)	10 (1.7)	5.4 (1.3)	81 (22)	3 (0.9)	0.6 (0.2)	7 (1.4)	2.7 (1.0)

Table 150.—Percent of public schools reporting crime incidents and the seriousness of crime incidents reported, by school characteristics: 1996–97—Continued

School characteristics	Serious violent crimes		Less serious or nonviolent crimes								
	Robbery		Total, less serious or nonviolent crime only			Physical attacks or fights without weapons		Theft or larceny		Vandalism	
	Percent of schools	Number of incidents, in thousands	Percent of schools	Number of incidents, in thousands	Number of incidents per 100,000 students	Percent of schools	Number of incidents, in thousands	Percent of schools	Number of incidents, in thousands	Percent of schools	Number of incidents, in thousands
1	13	14	15	16	17	18	19	20	21	22	23
All public schools	**3 (0.4)**	**7.2 (1.5)**	**47 (2.1)**	**401.9 (26.0)**	**949 (63)**	**28 (1.1)**	**187.9 (17.0)**	**31 (1.5)**	**115.5 (8.4)**	**38 (1.6)**	**98.5 (5.6)**
Instructional level											
Elementary school	1 (0.4)	0.4 (0.2)	41 (3.2)	75.8 (11.0)	339 (49)	12 (1.7)	21.5 (7.0)	19 (2.0)	19.5 (3.4)	30 (2.3)	34.9 (4.2)
Middle school	5 (0.9)	2.3 (1.0)	55 (2.8)	128.6 (13.8)	1,530 (162)	51 (2.3)	73.3 (10.4)	44 (2.5)	31.5 (3.4)	47 (2.6)	23.8 (2.3)
High school	8 (1.0)	4.4 (0.9)	56 (3.0)	197.5 (14.3)	1,704 (124)	55 (2.9)	93.1 (9.4)	55 (3.1)	64.6 (5.7)	52 (2.7)	39.9 (2.9)
Size of enrollment											
Less than 300	— —	0.2 (0.2)	34 (4.4)	37.7 (7.1)	1,013 (173)	17 (2.9)	15.6 (3.7)	18 (3.1)	9.9 (2.3)	23 (3.9)	12.3 (2.4)
300 to 999	2 (0.5)	3.0 (1.2)	50 (2.5)	193.4 (15.0)	692 (55)	26 (1.4)	87.9 (10.7)	30 (1.8)	51.4 (4.4)	40 (1.7)	54.0 (4.1)
1,000 or more	16 (1.8)	3.9 (0.8)	56 (3.2)	170.8 (17.3)	1,602 (158)	67 (3.0)	84.4 (11.5)	68 (3.2)	54.2 (5.3)	62 (3.3)	32.2 (3.6)
Locale											
City	8 (1.3)	4.5 (1.2)	42 (4.1)	134.8 (14.9)	1,070 (123)	30 (2.4)	62.1 (9.2)	34 (2.7)	39.9 (4.2)	41 (3.2)	32.8 (3.4)
Urban fringe	3 (0.7)	1.5 (0.6)	47 (3.2)	105.9 (15.7)	845 (122)	28 (2.6)	54.8 (11.5)	29 (2.4)	28.3 (4.1)	37 (2.9)	22.8 (3.5)
Town	1 (0.4)	0.6 (0.4)	58 (3.7)	101.0 (8.9)	995 (93)	32 (2.3)	46.3 (5.8)	36 (3.5)	29.0 (3.5)	44 (3.5)	25.7 (2.8)
Rural	1 (0.6)	0.5 (0.3)	39 (4.1)	60.2 (8.5)	854 (120)	21 (2.6)	24.7 (4.3)	24 (3.3)	18.3 (3.6)	30 (3.7)	17.2 (2.7)
Region											
Northeast	3 (0.6)	1.6 (0.4)	45 (4.7)	64.2 (12.3)	768 (138)	23 (2.3)	29.1 (6.8)	26 (3.3)	18.1 (4.8)	37 (3.6)	17.1 (2.4)
Southeast	2 (0.6)	1.3 (0.7)	50 (3.9)	91.3 (11.4)	883 (116)	29 (2.7)	50.7 (8.8)	32 (3.6)	23.3 (3.1)	36 (3.1)	17.3 (1.8)
Central	3 (0.8)	2.1 (1.0)	40 (4.1)	87.2 (13.4)	876 (127)	26 (2.6)	45.6 (10.0)	26 (2.7)	23.0 (2.8)	30 (3.6)	18.6 (2.7)
West	4 (0.8)	2.2 (0.5)	52 (3.7)	159.2 (12.1)	1,164 (94)	32 (3.0)	62.5 (7.3)	38 (3.0)	51.2 (5.0)	47 (3.5)	45.5 (4.4)
Percent minority enrollment											
Less than 5 percent	1 (0.5)	0.3 (0.1)	41 (3.5)	64.5 (8.5)	674 (86)	22 (2.4)	24.3 (3.3)	24 (2.8)	21.4 (3.6)	29 (3.3)	18.7 (2.8)
5 to 19 percent	2 (0.8)	0.6 (0.2)	47 (3.6)	84.7 (9.7)	830 (87)	27 (3.0)	35.6 (5.1)	28 (3.1)	29.4 (4.5)	40 (3.0)	19.7 (2.9)
20 to 49 percent	3 (0.8)	1.5 (0.5)	47 (3.6)	98.3 (13.6)	968 (125)	32 (2.9)	54.0 (9.3)	31 (3.3)	25.9 (4.0)	38 (3.5)	18.5 (2.2)
50 percent or more	7 (1.1)	4.8 (1.4)	53 (3.9)	147.9 (20.0)	1,229 (163)	32 (3.1)	72.6 (13.7)	41 (3.5)	34.8 (4.6)	47 (3.3)	40.4 (5.2)
Percent of students eligible for free or reduced-price school lunch											
Less than 20 percent	1 (0.5)	0.7 (0.3)	46 (3.2)	88.8 (9.8)	787 (80)	29 (2.5)	40.0 (5.5)	30 (2.7)	29.5 (3.9)	37 (3.6)	19.3 (2.3)
20 to 34 percent	3 (0.7)	1.6 (0.6)	42 (4.3)	78.6 (11.0)	858 (127)	27 (2.9)	34.9 (7.7)	25 (2.9)	26.1 (4.4)	34 (4.0)	17.7 (2.3)
35 to 49 percent	3 (1.1)	0.9 (0.4)	48 (5.0)	69.6 (11.2)	1,024 (172)	28 (3.4)	33.3 (7.0)	35 (4.8)	21.6 (3.8)	38 (4.4)	14.7 (2.0)
50 to 74 percent	4 (1.0)	2.0 (1.0)	49 (4.5)	88.5 (14.3)	1,099 (170)	28 (3.4)	45.9 (9.9)	31 (3.6)	22.4 (3.4)	39 (3.6)	20.2 (2.6)
75 percent or more	6 (1.2)	2.0 (0.5)	49 (4.7)	70.4 (10.1)	1,044 (141)	25 (3.0)	28.8 (5.9)	35 (3.9)	15.8 (2.7)	42 (3.9)	25.8 (4.3)

NOTE: Serious violent crime means that at least one of the following crimes occurred at the school and police were contacted: murder, rape or other type of sexual battery, suicide, physical attack or fight with weapon, or robbery. Less serious or nonviolent crime means that no serious violent crimes occurred and the police were called: physical attack or fight without weapon, theft/larceny, or vandalism. No incidents means that the school reporting did not contact the police for any of the specified crimes. Specified crimes may have occurred but police were not contacted, or other, nonspecified crimes may have occurred at the school. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Violence and Discipline Problems in U.S. Public Schools: 1996–97*. (This table was prepared August 2000.)

Table 151.—Ages for compulsory school attendance, special education services for students, policies for year-round schools and kindergarten programs, by state: 1997 and 2000

State	Compulsory attendance, 2000	Compulsory special education services, 1997[1]	Year-round schools, 2000		Provision of kindergarten education, 2000			
			Has policy on year-round schools	Has districts with year-round schools	School districts required to offer		Attendance required	
					Half day	Full day	Half day	Full day
1	2	3	4	5	6	7	8	9
Alabama	7 to 16	6 to 21		X		X		X
Alaska	7 to 16	3 to 22		X				
Arizona	[2]6 to 16	3 to 22	X	X	X		X	
Arkansas	[3]5 to 17	5 to 21	X	X		X		X
California	[4]6 to 18	Birth to 21	X	X	X			
Colorado	—	3 to 21		X				
Connecticut	7 to 16	[5]Under 21			X			
Delaware	[6]5 to 16	3 to 20			X		X	
District of Columbia	—	—	—	—	—	—	—	—
Florida	6 to 18	—	X	X		X		X
Georgia	6 to 16	[5]Under 21		X		X		
Hawaii	6 to 18	Under 20	X	X		X		
Idaho	7 to 16	3 to 21		X				
Illinois	7 to 16	3 to 21	X	X	[7]X			
Indiana	7 to 16	3 to 22		X	X			
Iowa	[8]6 to 16	Under 21	X	X	[7]X			
Kansas	[9]7 to 18	([10])						
Kentucky	[11]6 to 16	Under 21	X	X	X			
Louisiana	7 to 17	3 to 21		X		X		
Maine	7 to 17	[12]5 to 19		X				
Maryland	5 to 16	Under 21		X	X		X	
Massachusetts	6 to 16	3 to 21			X			
Michigan	6 to 16	Under 26						
Minnesota	[13]7 to 18	Under 22	X	X	[7]X			
Mississippi	6 to 17	Birth to 20				X		
Missouri	7 to 16	Under 21		X	[7]X			
Montana	[14]7 to 16	3 to 18			X			
Nebraska	7 to 16	Birth to 21			X			
Nevada	7 to 17	Under 22	X	X	X			
New Hampshire	6 to 16	3 to 21						
New Jersey	6 to 16	5 to 21		X				
New Mexico	5 to 18	([15])		X	X		X	
New York	[16]6 to 16	Under 21						
North Carolina	7 to 16	5 to 20	X	X		X		
North Dakota	7 to 16	[17]3 to 20				[18]X		
Ohio	6 to 18	Under 22		X	[7]X		X	
Oklahoma	5 to 18	[19]3 and up	X		X		X	
Oregon	7 to 18	3 to 21		X	X			
Pennsylvania	8 to 17	6 to 21	X	X	X			
Rhode Island	6 to 16	3 to 21			X		X	
South Carolina	5 to 16	3 to 21		X		X		X
South Dakota	6 to 16	Under 21				[18]X		
Tennessee	6 to 17	3 to 21		X	X		X	
Texas	6 to 18	[20]3 to 21	X	X		[18]X		
Utah	6 to 18	3 to 22	X	X	X		X	
Vermont	7 to 16	3 to 21				[18]X		
Virginia	5 to 18	2 to 21		X		[18]X		X
Washington	[13]8 to 18	[21]3 to 21		X				
West Virginia	6 to 16	5 to 21	X	X		X		X
Wisconsin	6 to 18	Under 21		X	X			
Wyoming	[2]6 to 16	3 to 21			X			

—Not available.

[1] Most states have an upper age limit whereby education is provided up to a certain age or completion of secondary school, whichever comes first.

[2] Ages 6 to 16 or 10th grade completion.

[3] Must have turned 17 by October 1.

[4] At least 16 and have graduated high school or passed California High School Proficiency Exam (CHSPE) and obtained parental permission.

[5] Under 21 or until child graduates from high school.

[6] Must have turned 5 by August 31.

[7] State requires either half-day or full-day program.

[8] Must have turned 16 by September 15.

[9] Eligible for waiver at 16.

[10] School age, to be determined in accordance with rules and regulations adopted by the state board.

[11] Must have turned 6 by October 1.

[12] Must be 5 before October 1, and not 20 before start of school year, assistance in providing coordination of services from birth to age 6.

[13] Eligible for waiver.

[14] Age 16 and completion of eighth grade.

[15] School-age unless otherwise provided by law.

[16] Age 16 and completion of school year.

[17] Must not be 21 by September 1.

[18] State requires both half-day and full-day program.

[19] Children from birth through two are eligible for additional services. Eligibility for special education services cease upon completion of a secondary education program, no age limit.

[20] For visually and auditorily impaired individuals under 21.

[21] Student may complete school year if 21st birthday occurs while attending school.

NOTE: The Education of the Handicapped Act (EHA) Amendments of 1986 make it mandatory for all states receiving EHA funds to serve all 3- to 18-year-old disabled children.

SOURCE: Council of Chief State School Officers, *Key State Education Policies on K-12 Education 2000*; Education Commission of the States, "Clearinghouse Notes," August 1997; California Department of Education, Safe Schools and Violence Prevention Office, *School Attendance Review Boards, Feb. 2001*. (This table was prepared in May 2001.)

Table 152.—Tenth- and twelfth-graders' attendance patterns, by selected student and school characteristics: 1990 and 1992

Attendance pattern	All students	Sex		Race/ethnicity					Socioeconomic status			Control of school attended		
		Male	Female	White	Black	Hispanic	Asian	American Indian	Low	Middle	High	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Percent of 10th-graders in 1990													
Number of days missed first half of current school year														
None	14.3	17.1	11.6	13.0	21.2	12.5	23.1	12.0	13.1	15.0	14.9	14.0	18.3	15.1
1 or 2 days	23.2	24.9	21.5	22.8	27.2	20.6	28.6	12.5	20.0	23.0	26.6	22.6	26.4	33.6
3 or 4 days	27.7	27.1	28.3	28.8	24.5	25.0	23.9	33.7	25.3	27.6	29.5	27.9	26.6	27.7
5 or more days	34.8	30.9	38.7	35.4	27.1	41.9	24.4	41.9	41.6	34.3	29.0	35.4	28.8	23.5
Number of times late first half of current school year														
None	25.2	25.4	24.9	27.8	17.8	17.8	22.0	18.6	23.9	25.7	26.6	25.3	27.7	17.9
1 or 2 days	38.2	38.1	38.3	38.0	41.1	36.7	39.7	31.3	37.4	38.6	38.2	37.8	39.8	44.6
3 or more days	36.7	36.6	36.8	34.2	41.1	45.5	38.3	50.1	38.7	35.7	35.2	36.9	32.4	37.5
Cut classes														
Never or almost never	84.8	83.5	86.2	85.8	86.5	75.8	87.1	81.4	82.3	84.5	89.0	84.0	95.2	90.9
At least sometimes	15.2	16.5	13.8	14.2	13.5	24.2	12.9	18.6	17.7	15.5	11.0	16.0	4.8	9.1
	Percent of 12th-graders in 1992													
Number of days missed first half of current school year														
None	8.7	10.5	6.9	7.4	15.8	6.9	15.6	11.3	8.7	8.6	8.8	8.6	10.2	9.1
1 or 2 days	30.3	30.8	29.9	29.9	31.0	31.6	34.3	22.4	27.5	30.8	31.7	30.2	31.2	32.7
3 to 6 days	35.0	35.0	35.1	36.2	31.2	34.4	27.4	37.8	34.0	34.0	37.7	34.8	37.5	37.8
7 or more days	25.9	23.7	28.2	26.5	22.1	27.1	22.7	28.6	29.8	26.6	21.8	26.4	21.1	20.5
Number of times late first half of current school year														
None	19.0	17.7	20.3	20.6	14.0	14.7	16.2	19.1	19.7	19.0	18.7	19.2	19.5	12.3
1 or 2 days	33.5	32.4	34.5	34.4	32.1	28.7	33.8	25.3	32.8	34.2	33.1	33.0	36.4	37.6
3 or more days	47.6	49.9	45.2	45.0	53.9	56.6	50.0	55.6	47.5	46.8	48.2	47.8	44.1	50.1
Cut classes														
Never or almost never	75.6	72.8	78.4	76.5	77.7	67.9	72.7	73.7	76.2	75.6	75.4	74.3	87.1	86.3
At least sometimes	24.4	27.2	21.6	23.5	22.3	32.1	27.3	26.3	23.8	24.4	24.6	25.7	12.9	13.7

NOTE: Socioeconomic status was measured by a composite score on parental education and occupations, and family income. The "low" SES group is the lowest quartile; the "middle" SES group is the middle two quartiles; and the "high" SES group is the upper quartile.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988," First and Second Followup surveys. (This table was prepared March 1994.)

Table 153.—State requirements for high school graduation, in Carnegie units: 2001

State	All courses	Subject areas									First graduating class to which these requirements apply	Minimum competency test is required to graduate	Notes
		English/ language arts	Social studies	Mathematics	Science	Physical education/ health	Arts/ vocation	Technology	Electives	Other courses			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Alabama	24	4	4	4	4	1.5	0.5	0.5	5.5	—	2000	Yes	Social studies requirement consists of 1 unit of world history/ geography, 2 units of U.S. history/geography, .5 units of economics and .5 units of government. Math requirement includes algebra I and geometry. Science includes 1 unit of biology and 1 unit of physical science. Physical education requirement consists of 1 unit of PE and .5 units of health. 6 levels of diploma offered. Numbers given are for basic academic program.
Alaska	21	4	3	2	2	1	0	0	9	—	1978	Yes (class of 2004)	PE requirement includes health or PE.
Arizona	20	4	2.5	2	2	0	1	0	8.5	—	1996	Yes (class of 2002)	English requirement includes .5 credits of the principles of speech and debate. Social studies requirement consists of 1 unit of world history/geography and 1.5 units of U.S./Arizona history and constitutions.
Arkansas	21	4	3	3	3	1	0.5	0	6	.5 (oral communication)	2004	No	Information is for College Preparatory diploma. 4th unit of mathematics for students seeking unconditional college admission will be required in 2004.
California	13	3	3	2	2	2	1	0	0	—	1989	Yes (class of 2004)	Social studies requirement consists of 1 unit of U.S. history/ geography; 1 unit of world history, culture and geography; .5 units of American government and .5 units of economics. Science includes biological and physical sciences. Foreign language or American Sign Language may be substituted for visual/performing art credit.
Colorado [1]	—	—	—	—	—	—	—	—	—	—	—	No	—
Connecticut	20	4	3	3	2	1	1	0	6	—	2004	Yes	Social studies requirement includes .5 units of civics and American government. By September 1, 2002, each local and regional board of education must specify basic skills required for graduation for the graduating class of 2006 and thereafter. Plans must include criteria for assessing student competencies. The results of the 10th grade Connecticut Academic Performance Test cannot be used as the sole basis for the graduation criteria but must be included as one alternative.
Delaware	22	4	3	3	3	1.5	0	1	3.5	3 (career pathway)	2000	Yes	PE requirement includes .5 units of health and 1 unit in PE. Level of diploma (basic, standard, or distinguished) partially determined by students' score on Delaware Student Testing Program (DSTP).
District of Columbia	23.5	4	3.5	3	3	1.5	2	0	4.5	2 (foreign language)	1995	No	Social studies requirement consists of 1 unit of U.S. history, 1 unit of world history, .5 units of U.S. government, .5 units of world geography and .5 units of D.C. history/government. Math requirement includes algebra. Science requirement includes 1 unit of laboratory science. Students must complete 100 hours of community service in order to graduate.
Florida	24	4	3	3	3	1.5	1	0	8.5	—	2003	Yes (class of 2003)	Social studies requirement includes 1 unit of American history, 1 unit of world history, .5 units of economics and .5 units of American government. Two science units must have a laboratory component. Math requirement includes successful completion of algebra I. The PE requirement includes .5 units of life management skills and 1 unit of PE. Students must achieve a 2.0 GPA to graduate.
Georgia [2,3]	22	4	3	4	3	1	0	0	4	3 (2 units of foreign language; plus 1 unit of the following: computer technology, fine arts, technology/career preparatory, or 1 additional unit of foreign language)	2001	Yes	College Preparatory Plus Diploma requires 2 more academic electives.

Table 153.—State requirements for high school graduation, in Carnegie units: 2001—Continued

State	All courses	Subject areas									First graduating class to which these requirements apply	Minimum competency test is required to graduate	Notes
		English/ language arts	Social studies	Mathematics	Science	Physical education/ health	Arts/ vocation	Technology	Electives	Other courses			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Hawaii	22	4	4	3	3	1.5	0	0	6	.5 (guidance)	1997	No	Social studies requires 1 unit of U.S. history and government, 1 unit of world history and culture, .5 unit of world geography, .5 unit of modern history of Hawaii, and 1 unit of social studies elective. PE requirement includes .5 units of health and 1 unit in PE.
Idaho	21	4.5	2.5	2	2	0.5	0	0	8.5	1 (humanities)	2001	No	Social studies requirement includes 1 unit of U.S. history, 1 unit of government and .5 units of economics. Science requirement includes 1 unit of laboratory science.
Illinois	16	3	2	2	1	0.5	0	0	7.5	1 (music, art, foreign language, American sign language, or vocational education)	1988	Yes	Social studies requirement includes 1 unit of U.S. history or a combination of U.S. history and American government. Physical education must be provided daily, and PE credit assignments are to be determined locally. Students must take .5 unit or equivalent of health education. Local school district must provide the following: 9 weeks, 50 minutes a day, of consumer education; conservation of natural resources; driver and safety education with 30 hours of classroom instruction and 6 hours of behind the wheel. Elective requirements are determined locally, but must fulfill 16 total credit minimum.
Indiana	20	4	2	2	2	1	0	0	8	1 (language arts, science, mathematics, social studies, or technology competency)	2004	Yes	1 unit of English/language arts may be from business studies, technology, family and consumer sciences, technology education, or vocational-technical courses. PE requirement includes health and PE. Students who successfully complete a Level III foreign language course may have 1 unit of the language arts requirement waived.
Iowa¹	—	—	—	—	—	—	—	—	—	—	—	No	—
Kansas	21	4	3	2	2	1	0	0	9	.5 (Kansas history; taken between 7th and 12th grades)	2001	No	Social studies requirement includes 1 unit of U.S. history and .5 units of U.S. government. Science includes 1 unit of laboratory course. PE requirement may include .5 units of health. Kansas also requires .5 units of Kansas history taken between the 7th and 12th grades.
Kentucky	22	4	3	3	3	1	1	0	7	—	2002	No	Social studies includes world civilizations, world geography, U.S. history, government, and economics. Mathematics includes algebra I, geometry and one elective. Science includes life science, physical science, and earth and space science. PE requirement includes .5 unit of health and .5 unit of PE. A local board of education may substitute an integrated, applied, interdisciplinary or higher level course for a required course.
Louisiana	23	4	3	3	3	2	0	0	8	—	2003	Yes	Social studies requirement consists of 1 unit of American history, 1 unit of world history or geography or civilization, .5 units of civics, and .5 units of free enterprise. Math includes a maximum of 2 entry level courses. Science requirement consists of 1 unit of biology I, 1 unit of physical science and 1 unit from any other course not already taken from physical science. PE includes .5 units of health and 1.5 units in PE.
Maine	16	4	2	2	2	1.5	1	0	3.5	—	1989	No	Social studies requirement includes 1 unit of American history, and .5 unit of Maine studies (if not taken between grades 6–8). Science requirement includes 1 unit of laboratory study. PE includes .5 units of health and 1 unit in PE. Student must pass computer proficiency standards.

Table 153.—State requirements for high school graduation, in Carnegie units: 2001—Continued

State	All courses	Subject areas									First graduating class to which these requirements apply	Minimum competency test is required to graduate	Notes
		English/ language arts	Social studies	Mathematics	Science	Physical education/ health	Arts/ vocation	Technology	Electives	Other courses			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Maryland	21	4	3	3	3	1	1	1	3	2 (foreign language or advanced technology)	1997	Yes (class of 2007)	Social studies requirement consists of 1 unit of U.S. history, 1 unit of world history, and 1 unit of government. Math requirement includes 1 unit of algebra and 1 unit of geometry. Science requirement includes laboratory experience. PE requirement includes .5 unit of health and .5 unit of PE.
Massachusetts [3]	—	—	—	—	—	—	—	—	—	—	—	Yes (class of 2003)	American history and civics and PE required.
Michigan [3]	—	—	—	—	—	—	—	—	—	—	—	No	Students must complete one course in government/civics. Although not required for graduation, state law requires health and physical education to be provided for all students.
Minnesota	24	5	4	3	2	3	0	0	3	4 (2 units of inquiry, 2 units of resource management)	(4)	Yes	Social studies requirement includes U.S. history, U.S. citizenship, diverse perspectives, and human geography. Science requirement includes biology, chemistry, earth and space systems, physics, and environmental systems.
Mississippi	20	4	3	3	3	0.5	1	1	4.5	—	2002	Yes (class of 2002)	Social studies requirement consists of 1 unit of world history, 1 unit of U.S. history, .5 units of U.S. government, and .5 units of Mississippi studies. Math requirement includes algebra I and geometry. Science must include biology I. There is no PE requirement, only .5 units of health.
Missouri	22	3	2	2	2	1	2	0	10	—	1988	No	Social studies requirement includes 1 unit of American history and .5 units of government. Arts education includes 1 unit of fine arts and 1 unit of practical arts (vocational/technical skills).
Montana	20	4	2	2	2	1	2	0	7	—	1993	No	In accordance with the policies of the local board of trustees, students may be graduated from high school with less than four years enrollment. Arts education includes 1 unit of fine arts and 1 unit of practical arts (vocational/technical skills).
Nebraska	—	—	—	—	—	—	—	—	—	—	1991	No	Nebraska requires a minimum of 200 high school credit hours (at least 80% of which must be taken in language arts, social studies, mathematics, science, PE/health, visual/performing arts, and foreign language).
Nevada [4]	22.5	4	2	3	2	2.5	1	0.5	7.5	—	2003	Yes	Social studies requirement includes 1 unit of American government and 1 unit of American history. PE requirement includes .5 units of health and 2 units of PE. Computer literacy requirement may be waived by demonstration of competency. Data are for standard diploma.
New Hampshire	19.75	4	2	2	2	1.25	0.5	0.5	7	.5 (business/economic education)	1989	No	Social studies requirement includes 1 unit of U.S. and New Hampshire history and government. Science requirement is 1 unit of physical science and 1 unit of biological science. PE requirement includes .25 units of health and 1 unit of PE. Computer education requirement may be met through examination or course prior to high school.
New Jersey	22	4	3	3	3	0.75	2	0	6.25	2 (foreign language)	2005	Yes (class of 2004)	—
New Mexico	23	4	3	3	2	1	0	0	9	1 (communication skills or foreign language)	1990	Yes	Social studies includes U.S. history/geography, world history/geography, and government/ economics. Science requirement includes 1 lab component. With the approval of the local school board, participation on an athletic team or in an athletic sport during the school day may count toward fulfillment of the physical education required unit.

Table 153.—State requirements for high school graduation, in Carnegie units: 2001—Continued

State	All courses	Subject areas: English/ language arts	Social studies	Mathematics	Science	Physical education/ health	Arts/ vocation	Technology	Electives	Other courses	First graduating class to which these requirements apply	Minimum competency test is required to graduate	Notes
1	2	3	4	5	6	7	8	9	10	11	12	13	14
New York	22	4	4	3	3	2.5	1	0	3.5	1 (foreign language)	2005	Yes	Social studies requirement includes 1 unit of U.S. history and government, .5 units of government and .5 units of economics. Students may meet the learning standards in technology, either through a course in technology education or through an integrated course combining technology with mathematics and/or science. A commencement-level course in technology education may be used as the third unit of credit in science or mathematics, but not both. Data are for Regents diploma. Advanced Regents diploma available.
North Carolina[2]	20	4	3	4	3	1	(3)	0	3	2 (foreign language)	2004	Yes (class of 2005)	4th mathematics credit required for 9th graders in the College/University Prep course of study entering high school in 2002–03. An Occupational Course of study with different requirements is available starting in 2000–01 for students with Individualized Education Plans. Students must demonstrate computer proficiency through state testing.
North Dakota[1]	17	4	3	2	2	1	0	0	5	—	N/A	No	Data are state minimums, but actual requirements are determined locally. N.D. Department of Education recommends 20 credits in order to graduate.
Ohio	21	4	3	3	3	1	0	0	7	—	2004	Yes (class of 2005)	Social studies requirement includes .5 units of U.S. history and .5 units of U.S. government. Science requirement includes 1 unit of biology and 1 unit of physical science. PE requirement consists of .5 units of PE and .5 units of health. Starting 9/15/01 one elective unit or 2 half-units must include business/technology, fine arts, or foreign language.
Oklahoma	23	4	3	3	3	0	2	0	8	—	2003	Yes	English/language arts requirement includes 1 unit of grammar/composition. Social studies requirement includes 1 unit of U.S. history, .5 units of Oklahoma history, a minimum of .5 units of U.S. government. Math requirement includes 1 unit of algebra I. Science requirement includes 1 unit of biology I. State strongly encourages students to complete 2 units of a foreign language.
Oregon	22	3	3	2	2	2	1	0	9	—	2001	No	English/language arts requirement includes 1 unit of writing composition. Arts/vocation requirement may be met by earning 1 unit in any one or a combination of applied arts, fine arts or foreign language.
Pennsylvania[5]	—	—	—	—	—	—	—	—	—	—	N/A	Yes (class of 2003)	Beginning in 2002–03, in order to graduate, students shall demonstrate proficiency in reading, writing and mathematics on either state or local assessments in grade 11 or 12.
Rhode Island[2]	18	4	2	3	2	0	0.5	0.5	4	2 (foreign language)	1990	No	Students must take 100 minutes per week of PE/health.
South Carolina[2]	24	4	3	4	3	1	0	1	7	1 (foreign language)	2001	Yes	Social studies requirement includes 1 unit of U.S. history, .5 units of U.S. government and .5 units of economics. PE requirement may be met through participation in JROTC program. For students in a Tech Prep Program, 1 unit must be earned in occupation education instead of a foreign language. Demonstration of computer literacy before graduation also required.
South Dakota	22	4	3	2	2	0	1	0.5	8.5	1 (additional unit of either mathematics or science)	2004	No	English/language arts requirement includes 1.5 units of writing, 1.5 units of literature, .5 units of American literature and .5 units of speech. Social studies requirement includes 1 unit of U.S. history, .5 units of U.S. government and .5 units of geography.
Tennessee	20	4	3	3	3	1	0	0	6	—	1998	Yes	Science requirement includes 1 unit of life science and 1 unit of physical science. All science courses must incorporate lab experiences. One full year of computer education required at some time during high school career, no credit value assigned.

Table 153.—State requirements for high school graduation, in Carnegie units: 2001—Continued

State	All courses	Subject areas									First graduating class to which these requirements apply	Minimum competency test is required to graduate	Notes
		English/language arts	Social studies	Mathematics	Science	Physical education/health	Arts/vocation	Technology	Electives	Other courses			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Texas	22	4	3	3	2	2	0	1	5.5	.5 (speech), 1 (World History Studies, Geography Studies, or any science course approved by the State Board of Education)	2001	Yes	Social studies requirement includes 1 unit of world history or world geography, 1 unit of U.S. history, .5 units of U.S. government, and .5 units of economics. Math requirement includes algebra I. Science requirement must include 1 unit from biology, chemistry, or physics. PE requirement includes .5 units of health and 1.5 units of PE.
Utah	24	3	3	2	2	2	1.5	1	9.5	—	1997	Yes (class of 2005)	Required elective areas are divided into college entry or applied technology/job entry clusters. Information technology requirement optional. Library media skills integrated into subject areas.
Vermont	20	4	3	3	3	1.5	1	0	4.5	—	2002	No	Beginning in 2005 local school districts will have the option of fulfilling current Carnegie requirements with field of knowledge assessment. Field of knowledge assessment is part of Vermont's system of standards, which includes arts, language, and literature, history and social sciences, and science, mathematics, and technology.
Virginia	22	4	3	3	3	2	1	0	6	—	2002	Yes (class of 2004)	Data are for Standard Diploma. Beginning in 2004, Standard of Learning tests must be passed in 5 subjects areas.
Washington	19	3	2.5	2	2	2	1	0	5.5	1 (occupational education)	2008	Yes (class of 2008)	Social studies requirement consists of 1 unit of U.S. history/government, .5 units of Washington state history/government, and 1 unit of world history/geography. Science requires 1 unit of laboratory science. Each student shall complete a culminating project for graduation.
West Virginia	24	4	3	3	3	2	1	0	4	4 (career majors)	2003	No	Math requirement includes algebra I and 1 higher math. Science includes coordinated and thematic science and 1 higher science. PE requirement includes 1 unit of health and 1 unit of PE. Work-based learning experience (determined by local school district) required.
Wisconsin	13	4	3	2	2	2	0	0	0	—	2004	Yes (class of 2004)	PE consists of 1.5 units of PE and .5 units of health. State strongly encourages school boards to require additional 8.5 elective units. School boards may also require community service as a graduation criterion.
Wyoming	13	4	3	3	3	0	0	0	0	—	2003	Yes (class of 2003)	Social studies requirement includes history, American government and economic systems and institutions. Exit exam covers principles of the Constitutions of the U.S. and Wyoming.

—Not available or not applicable.

[1] Graduation requirements are determined locally.

[2] Data for College Preparatory Diploma.

[3] Career Preparatory Diploma also available.

[4] Graduation requirements are currently being phased in by local school districts. However, as of yet, no statewide deadline exists dictating when this should occur.

[5] State minimum credit requirements have been phased out in Pennsylvania. Each school district (including charter schools) shall specify requirements for graduation in a strategic plan requiring state approval. To graduate, students must demonstrate proficiency in reading, writing, and mathematics on either state or local assessments aligned with state guidelines.

NOTE: Local school districts frequently have other graduation requirements in addition to state requirements. English/language arts—can include English, Reading, Literature, Creative Writing, etc. Mathematics—can include Basic Math, Algebra I and II, Geometry, Pre-Calculus, Calculus, Statistics, etc. Social studies—can include World History, U.S. History, Geography, Economics, Government, etc. Science—can include Biology, Chemistry, Physics, Anatomy, Earth Science, etc. Arts/vocation—can include Fine Arts, Practical Arts, Vocational, or Career Preparatory credits. Technology—can include Computer Literacy, Computer Technology, Technology Competency, etc.

SOURCE: State Boards of Education, and Education Commission of the States, *Clearinghouse Notes*, "High School Graduation Requirements" November 1996 and November 1998; Education Commission of the States, *Clearinghouse Notes*, "Choice of Schools: State Actions" June 1999. (This table was prepared June 2001.)

Table 154.—States which use criterion-referenced assessments aligned to state standards, by level and subject area: 2001–02

State	Criterion-referenced assessments, by level and subject area			
	English/language arts	Mathematics	Science	Social studies/history
1	2	3	4	5
Alabama	ES, MS, HS	HS	HS	HS
Alaska	ES, MS, HS	ES, MS, HS		
Arizona	ES, MS, HS	ES, MS, HS		
Arkansas	ES, MS, HS	ES, MS, HS		
California	ES, MS, HS	ES, MS, HS	HS	HS
Colorado	ES, MS, HS	ES, MS, HS	MS	
Connecticut	ES, MS, HS	ES, MS, HS	HS	
Delaware	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
District of Columbia				
Florida	ES, MS, HS	ES, MS, HS		
Georgia	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Hawaii	ES, MS, HS	ES, MS, HS		
Idaho	ES, MS, HS	ES, MS		
Illinois	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Indiana	ES, MS, HS	ES, MS, HS		
Iowa				
Kansas	ES, MS, HS	ES, MS, HS		
Kentucky	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Louisiana	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Maine	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Maryland	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Massachusetts	ES, MS, HS	ES, MS, HS	ES, MS	ES, MS
Michigan	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Minnesota	ES, HS	ES, HS		
Mississippi	ES, MS, HS	ES, MS, HS	HS	HS
Missouri	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Montana				
Nebraska	ES			
Nevada	ES, MS, HS	ES, HS		
New Hampshire	ES, MS, HS	ES, MS, HS	MS, HS	MS, HS
New Jersey	ES, MS, HS	ES, MS, HS	ES, MS	ES
New Mexico	ES, MS, HS	HS	HS	HS
New York	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
North Carolina	ES, MS, HS	ES, MS, HS	HS	HS
North Dakota	ES, MS, HS	ES, MS, HS		
Ohio	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Oklahoma	ES, MS, HS	ES, MS	ES, MS	ES, MS, HS
Oregon	ES, MS, HS	ES, MS, HS	ES, MS, HS	
Pennsylvania	ES, MS, HS	ES, MS, HS		
Rhode Island	ES, MS, HS	ES, MS, HS		
South Carolina	ES, MS	ES, MS	ES, MS	
South Dakota	ES, MS, HS	ES, MS, HS		
Tennessee	ES, MS, HS	HS	HS	
Texas	ES, MS, HS	ES, MS, HS	MS, HS	MS, HS
Utah	ES, MS, HS	ES, MS, HS	ES, MS, HS	
Vermont	ES, MS, HS	ES, MS, HS	ES, HS	
Virginia	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Washington	ES, MS, HS	ES, MS, HS		
West Virginia	ES, MS, HS			
Wisconsin				
Wyoming	ES, MS, HS	ES, MS, HS		

ES=elementary school, MS=middle school, and HS=high school

SOURCE: Education Week, January 10, 2002, Number 17 © 2002, *Editorial Projects in Education*. (This table was prepared January 2002.)

Table 155.—States using minimum-competency testing, by grade levels assessed, and expected uses of standards: 1998–99

State	Grade levels assessed	Expected uses									
		Student diagnosis or placement[1]	Improvement of instruction[1]	Program evaluation[1]	Student diagnosis or placement[2]	Student promotion[2]	High school graduation[2]	Student awards or recognition[3]	Public school performance reporting[3]	Accreditation[3]	Other
1	2	3	4	5	6	7	8	9	10	11	12
Alabama	3–12	X	X	X			X		X		
Alaska	4,5,7,8,10,11	X	X						X		
Arizona	3–12		X	X					X		
Arkansas	4,5,7,8,10	X	X	X							
California	2–12[4]		X	X	X	X		X	X		(5) (6)
Colorado	3–5,7		X	X							
Connecticut	4,6,8,10	X	X	X	X			X	X		
Delaware	3,5,8,10	X	X								
Florida	4,5,8,10,11		X	X			X	X	X		
Georgia	K,3,5,8,11	X	X	X		X	X		X		(5)
Hawaii	3,5,7,9–12	X	X	X			X	X	X	X	(5) (6)
Idaho	3–11		X	X							
Illinois	3,5,8,10[7]		X	X		X			X		
Indiana	3,6,8,10	X	X	X			X	X		X	
Iowa	4,8,11								X		
Kansas	3–5,7,8,10	X	X	X					X	X	
Kentucky	3–12		X	X				X	X		
Louisiana	3–11	X				X	X				
Maine	4,8,11[7]		X	X							
Maryland	3,5,8	X	X	X			X	X	X		
Massachusetts	4,8,10										
Michigan	4,5,7,8,11	X	X	X					X	X	
Minnesota	3,5,8,10	X	X	X			X				
Mississippi	4–9,11,12	X	X	X			X				
Missouri	3,4,7,8,10,11[4,7]	X	X		X			X	X	X	
Montana	4,8,11		X	X							
Nebraska[8]											
Nevada	4,8,10–12	X	X	X			X	X	X		
New Hampshire	3,6,10		X	X					X		
New Jersey	8,11	X	X	X			X		X	X	(5) (9)
New Mexico	1,2,4,6,8,10	X	X	X			X	X	X	X	
New York	4–6,8–12	X	X	X	X	X	X		X		(5) (6)
North Carolina	3–12	X	X	X	X	X	X	X	X		
North Dakota	4,6,8,10	X	X	X	X	X			X		(6)
Ohio	4,6,8–12		X	X	X		X	X	X		(6)
Oklahoma	3,5,7,8,11	X	X	X		X			X		
Oregon	3,5,8,10		X	X	X				X		
Pennsylvania	5,6,8,9,11							X			
Rhode Island	3–5,7–10		X	X					X		
South Carolina	1,3–12[7]	X	X	X			X		X		(6)
South Dakota	2,4,5,8,9,11	X	X	X							
Tennessee	3–12	X	X	X			X	X	X		(5)
Texas	3–8,10–12	X	X	X	X		X	X	X	X	
Utah	1–6,8,11[4]	X	X	X	X				X		
Vermont	2,4,6,8,10		X	X					X		
Virginia	3–12	X	X	X	X	X	X		X		
Washington	2,4,7,8,10,11[4]	X	X	X					X		
West Virginia	3–11	X	X	X					X	X	(5) (9)
Wisconsin	3,4,8,10	X		X					X		
Wyoming	4,8–12[7]		X	X					X		
Outlying areas											
American Samoa	3,5,7,8,10–12		X	X							
Puerto Rico	3,6,9,11	X	X	X				X			(9)
Virgin Islands	3,5,6,8,11	X	X		X			X			

[1] Testing program is for instructional purposes.

[2] Testing program is for the purpose of student accountability.

[3] Testing program is for school accountability.

[4] Inclusion is voluntary for students, schools or school districts for one or more grades.

[5] Endorsed diploma.

[6] Honors diploma.

[7] A sample of students is tested for one or more grades.

[8] This state did not administer any statewide assessments for the 1998–99 school year.

[9] High school skills guarantee.

SOURCE: Council of Chief State School Officers, "Annual Survey of State Student Assessment Programs, Spring 2001." (This table was prepared August 2001.)

Table 156.—States requiring testing for initial certification of teachers, by authorization, year enacted, year effective, and test used: 1990 and 1999

State	Assessment for certification, 1990				Assessment for certification, 1999				
	Basic skills exam	Subject matter exam	Knowledge of teaching exam	Assessment of teaching performance	Basic skills exam	Subject matter exam	General knowledge exam	Knowledge of teaching exam	Assessment of teaching performance
1	2	3	4	5	6	7	8	9	10
Alabama					(1)	(2)		(2)	X
Alaska					X				
Arizona	X		X		X	X		X	X
Arkansas		X	X		X	X		X	
California	X	X			(3)	X			
Colorado	X			X	X	X	X	X	
Connecticut	X	X		X	X	X			
Delaware	X				X				
District of Columbia	X	X			X	X			X
Florida		X	X	X	X	X	X	X	X
Georgia		X		X	X	X			
Hawaii	X	X	X		X	X		X	X
Idaho		X	X						
Illinois		X	X		X	X			
Indiana	X	X	X		X	X	X	X	
Iowa	X	X	X	X					
Kansas	X		X		X			X	
Kentucky[4]				X	(1)				X
Louisiana	X	X	X		X	X	X	X	X
Maine	X	X	X	X			X	X	
Maryland	X	X	X		X	X		X	X
Massachusetts[5]									
Michigan					X	X	(6)		
Minnesota	X				X				
Mississippi		X	X	X	X	X	X	X	
Missouri		X			(1)	X			
Montana	X		X		X				
Nebraska	X				X				
Nevada	X	X	X		X	X		X	
New Hampshire	X				X	X			
New Jersey		X				X	(7)		X
New Mexico	X		X	X	X		X	X	
New York	X		X				X	X	
North Carolina				X	(1)	X		X	
North Dakota					(1)		X	X	
Ohio[8]		X	X		X	X		X	
Oklahoma				X	X	X	X	X	X
Oregon	X	X	X	X	X	X		X	(9)
Pennsylvania	X	X	X		X	X	X	X	
Rhode Island	X		X	X	X		X	X	
South Carolina			X	X	X	X		X	X
South Dakota					X	X			X
Tennessee				X	X	X		X	
Texas[10]		X	X			X		X	
Utah									
Vermont									
Virginia	X	X	X	X	X	X			
Washington				X	(1)				
West Virginia[11]	X	X		X	X	X		X	X
Wisconsin	X				X				
Wyoming									

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[1] For admission to teacher education program.

[2] Institution's exit exam.

[3] Subject matter exam or completion of an approved subject matter program.

[4] Fingerprint check is required for employment.

[5] In 1990, test required for foreign language, bilingual, and English as a Second Language. In 1999, two-part exam covers communication and literacy skills and the subject matter knowledge for the certificate.

[6] Elementary certificate exam (subject-area exam).

[7] For elementary education.

[8] Test requirements in 1990 set by school districts.

[9] For Oregon graduates.

[10] Screening for admission to a teacher preparation program includes college level skills in reading, oral and written communication, critical thinking, and mathematics.

[11] Required for individuals entering West Virginia-approved education programs as of fall 1985.

SOURCE: Council of Chief State School Officers, "State Education Indicators, 1990," and National Association of State Directors of Teacher Education and Certification, "The NASDTEC Manual 2000: Manual on Certification & Preparation of Educational Personnel in the United States & Canada." (This table was prepared June 2000.)

Table 157.—Revenues for public elementary and secondary schools, by source of funds: 1919–20 to 1998–99

School year	In thousands				Percentage distribution			
	Total	Federal	State	Local (including intermediate)[1]	Total	Federal	State	Local (including intermediate)[1]
1	2	3	4	5	6	7	8	9
1919–20	$970,121	$2,475	$160,085	$807,561	100.0	0.3	16.5	83.2
1929–30	2,088,557	7,334	353,670	1,727,553	100.0	0.4	16.9	82.7
1939–40	2,260,527	39,810	684,354	1,536,363	100.0	1.8	30.3	68.0
1941–42	2,416,580	34,305	759,993	1,622,281	100.0	1.4	31.4	67.1
1943–44	2,604,322	35,886	859,183	1,709,253	100.0	1.4	33.0	65.6
1945–46	3,059,845	41,378	1,062,057	1,956,409	100.0	1.4	34.7	63.9
1947–48	4,311,534	120,270	1,676,362	2,514,902	100.0	2.8	38.9	58.3
1949–50	5,437,044	155,848	2,165,689	3,115,507	100.0	2.9	39.8	57.3
1951–52	6,423,816	227,711	2,478,596	3,717,507	100.0	3.5	38.6	57.9
1953–54	7,866,852	355,237	2,944,103	4,567,512	100.0	4.5	37.4	58.1
1955–56	9,686,677	441,442	3,828,886	5,416,350	100.0	4.6	39.5	55.9
1957–58	12,181,513	486,484	4,800,368	6,894,661	100.0	4.0	39.4	56.6
1959–60	14,746,618	651,639	5,768,047	8,326,932	100.0	4.4	39.1	56.5
1961–62	17,527,707	760,975	6,789,190	9,977,542	100.0	4.3	38.7	56.9
1963–64	20,544,182	896,956	8,078,014	11,569,213	100.0	4.4	39.3	56.3
1965–66	25,356,858	1,996,954	9,920,219	13,439,686	100.0	7.9	39.1	53.0
1967–68	31,903,064	2,806,469	12,275,536	16,821,063	100.0	8.8	38.5	52.7
1969–70	40,266,923	3,219,557	16,062,776	20,984,589	100.0	8.0	39.9	52.1
1970–71	44,511,292	3,753,461	17,409,086	23,348,745	100.0	8.4	39.1	52.5
1971–72	50,003,645	4,467,969	19,133,256	26,402,420	100.0	8.9	38.3	52.8
1972–73	52,117,930	4,525,000	20,699,752	26,893,180	100.0	8.7	39.7	51.6
1973–74	58,230,892	4,930,351	24,113,409	29,187,132	100.0	8.5	41.4	50.1
1974–75	64,445,239	5,811,595	27,060,563	31,573,079	100.0	9.0	42.0	49.0
1975–76	71,206,073	6,318,345	31,602,885	33,284,840	100.0	8.9	44.4	46.7
1976–77	75,322,532	6,629,498	32,526,018	36,137,018	100.0	8.8	43.2	48.0
1977–78	81,443,160	7,694,194	35,013,266	38,735,700	100.0	9.4	43.0	47.6
1978–79	87,994,143	8,600,116	40,132,136	39,261,891	100.0	9.8	45.6	44.6
1979–80	96,881,165	9,503,537	45,348,814	42,028,813	100.0	9.8	46.8	43.4
1980–81	105,949,087	9,768,262	50,182,659	45,998,166	100.0	9.2	47.4	43.4
1981–82	110,191,257	8,186,466	52,436,435	49,568,356	100.0	7.4	47.6	45.0
1982–83	117,497,502	8,339,990	56,282,157	52,875,354	100.0	7.1	47.9	45.0
1983–84	126,055,419	8,576,547	60,232,981	57,245,892	100.0	6.8	47.8	45.4
1984–85	137,294,678	9,105,569	67,168,684	61,020,425	100.0	6.6	48.9	44.4
1985–86	149,127,779	9,975,622	73,619,575	65,532,582	100.0	6.7	49.4	43.9
1986–87	158,523,693	10,146,013	78,830,437	69,547,243	100.0	6.4	49.7	43.9
1987–88	169,561,974	10,716,687	84,004,415	74,840,873	100.0	6.3	49.5	44.1
1988–89	192,016,374	11,902,001	91,768,911	88,345,462	100.0	6.2	47.8	46.0
1989–90	208,547,573	12,700,784	98,238,633	97,608,157	100.0	6.1	47.1	46.8
1990–91	223,340,537	13,776,066	105,324,533	104,239,939	100.0	6.2	47.2	46.7
1991–92	234,581,384	15,493,330	108,783,449	110,304,605	100.0	6.6	46.4	47.0
1992–93	247,626,168	17,261,252	113,403,436	116,961,481	100.0	7.0	45.8	47.2
1993–94	260,159,468	18,341,483	117,474,209	124,343,776	100.0	7.1	45.2	47.8
1994–95	273,149,449	18,582,157	127,729,576	126,837,717	100.0	6.8	46.8	46.4
1995–96	287,702,844	19,104,019	136,670,754	131,928,071	100.0	6.6	47.5	45.9
1996–97	305,065,192	20,081,287	146,435,584	138,548,321	100.0	6.6	48.0	45.4
1997–98[2]	325,925,708	22,201,965	157,645,372	146,078,370	100.0	6.8	48.4	44.8
1998–99	347,329,664	24,521,817	169,298,232	153,509,615	100.0	7.1	48.7	44.2

[1] Includes a relatively small amount from nongovernmental private sources (gifts and tuition and transportation fees from patrons). These sources accounted for 2.5 percent of total revenues in 1998–99.

[2] Revised from previously published figures.

NOTE: Beginning in 1980–81, revenues for state education agencies are excluded. Beginning in 1988–89, data reflect new survey collection procedures and may not be entirely comparable with figures for earlier years. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education;* and Common Core of Data surveys. (This table was prepared May 2001.)

Table 158.—Revenues for public elementary and secondary schools, by source and state: 1998–99

State or other area	Total, in thousands	Federal			State		Local and intermediate		Private[1]	
		Amount, in thousands	Per student	Percent of total	Amount, in thousands	Percent of total	Amount, in thousands	Percent of total	Amount, in thousands	Percent of total
1	2	3	4	5	6	7	8	9	10	11
United States	**$347,329,664**	**$24,521,817**	**$532**	**7.1**	**$169,298,232**	**48.7**	**$144,790,417**	**41.7**	**$8,719,198**	**2.5**
Alabama	4,469,278	407,011	543	9.1	2,752,647	61.6	1,075,876	24.1	233,745	5.2
Alaska	1,290,358	177,974	1,347	13.8	787,763	61.0	289,870	22.5	34,751	2.7
Arizona	5,079,076	507,196	623	10.0	2,195,345	43.2	2,241,488	44.1	135,047	2.7
Arkansas	2,610,267	266,276	583	10.2	1,509,796	57.8	684,926	26.2	149,269	5.7
California	40,002,760	3,443,221	593	8.6	23,739,295	59.3	12,379,999	30.9	440,245	1.1
Colorado	4,714,756	242,481	353	5.1	2,002,525	42.5	2,261,755	48.0	207,995	4.4
Connecticut	5,607,014	223,083	417	4.0	2,184,637	39.0	3,047,598	54.4	151,697	2.7
Delaware	959,482	71,416	638	7.4	617,023	64.3	259,711	27.1	11,332	1.2
District of Columbia	760,592	125,490	1,627	16.5	—	—	631,735	83.1	3,367	0.4
Florida	16,460,206	1,301,428	567	7.9	8,279,709	50.3	6,308,302	38.3	570,767	3.5
Georgia	10,263,338	689,614	501	6.7	5,044,094	49.1	4,355,291	42.4	174,338	1.7
Hawaii	1,328,572	130,547	687	9.8	1,166,940	87.8	7,211	0.5	23,874	1.8
Idaho	1,420,902	100,260	410	7.1	874,429	61.5	421,953	29.7	24,260	1.7
Illinois	15,338,740	1,103,559	552	7.2	4,610,903	30.1	9,293,156	60.6	331,122	2.2
Indiana	7,980,582	398,810	404	5.0	4,190,124	52.5	3,164,882	39.7	226,765	2.8
Iowa	3,516,165	195,628	390	5.6	1,775,997	50.5	1,355,452	38.5	189,088	5.4
Kansas	3,282,779	200,698	428	6.1	2,021,434	61.6	972,978	29.6	87,669	2.7
Kentucky	4,210,793	389,074	581	9.2	2,600,631	61.8	1,120,296	26.6	100,792	2.4
Louisiana	4,697,639	541,180	697	11.5	2,366,566	50.4	1,680,170	35.8	109,723	2.3
Maine	1,703,252	127,495	600	7.5	781,035	45.9	775,761	45.5	18,960	1.1
Maryland	6,806,086	371,941	448	5.5	2,687,925	39.5	3,537,681	52.0	208,539	3.1
Massachusetts	8,534,080	422,923	446	5.0	3,593,252	42.1	4,400,523	51.6	117,382	1.4
Michigan	14,678,359	1,038,773	610	7.1	9,493,662	64.7	3,839,779	26.2	306,144	2.1
Minnesota	6,785,487	340,314	399	5.0	3,907,686	57.6	2,327,575	34.3	209,913	3.1
Mississippi	2,544,561	355,527	704	14.0	1,396,182	54.9	705,902	27.7	86,949	3.4
Missouri	6,265,697	405,351	445	6.5	2,446,271	39.0	3,164,640	50.5	249,435	4.0
Montana	1,047,338	117,877	726	11.3	470,763	44.9	413,387	39.5	45,311	4.3
Nebraska	2,168,308	150,123	513	6.9	804,817	37.1	1,100,788	50.8	112,580	5.2
Nevada	2,094,467	95,518	322	4.6	678,951	32.4	1,244,739	59.4	75,259	3.6
New Hampshire	1,441,115	58,224	289	4.0	127,702	8.9	1,220,703	84.7	34,487	2.4
New Jersey	14,192,543	527,334	422	3.7	5,868,487	41.3	7,480,958	52.7	315,764	2.2
New Mexico	2,098,648	282,253	851	13.4	1,522,000	72.5	249,472	11.9	44,923	2.1
New York	29,874,220	1,799,258	629	6.0	12,599,176	42.2	15,202,315	50.9	273,471	0.9
North Carolina	8,137,116	558,556	452	6.9	5,590,644	68.7	1,779,124	21.9	208,792	2.6
North Dakota	709,427	92,088	777	13.0	285,772	40.3	294,013	41.4	37,553	5.3
Ohio	14,399,472	829,887	449	5.8	6,057,593	42.1	6,963,798	48.4	548,194	3.8
Oklahoma	3,652,130	332,679	533	9.1	2,200,010	60.2	930,733	25.5	188,708	5.2
Oregon	4,047,900	284,344	525	7.0	2,297,679	56.8	1,324,525	32.7	141,351	3.5
Pennsylvania	15,525,301	937,333	516	6.0	5,933,154	38.2	8,366,851	53.9	287,963	1.9
Rhode Island	1,319,597	73,870	482	5.6	548,776	41.6	679,478	51.5	17,472	1.3
South Carolina	4,398,145	361,412	548	8.2	2,291,942	52.1	1,560,842	35.5	183,949	4.2
South Dakota	829,028	87,186	612	10.5	297,347	35.9	420,191	50.7	24,305	2.9
Tennessee	5,089,341	445,545	499	8.8	2,404,133	47.2	1,883,947	37.0	355,715	7.0
Texas	25,647,339	2,167,802	557	8.5	10,873,810	42.4	11,966,341	46.7	639,386	2.5
Utah	2,449,890	172,295	357	7.0	1,496,345	61.1	721,271	29.4	59,978	2.4
Vermont	908,146	52,890	499	5.8	675,896	74.4	163,291	18.0	16,068	1.8
Virginia	8,358,036	438,656	395	5.2	2,825,340	33.8	4,831,710	57.8	262,330	3.1
Washington	7,212,175	491,420	496	6.8	4,659,490	64.6	1,822,165	25.3	239,100	3.3
West Virginia	2,229,692	190,635	632	8.5	1,398,405	62.7	613,378	27.5	27,275	1.2
Wisconsin	7,409,485	339,371	385	4.6	3,955,854	53.4	2,951,270	39.8	162,990	2.2
Wyoming	779,985	57,993	597	7.4	408,271	52.3	300,616	38.5	13,106	1.7
Outlying areas										
American Samoa	57,667	42,836	2,816	74.3	11,139	19.3	3,607	6.3	85	0.1
Guam	—	—	—	—	—	—	—	—	—	—
Northern Marianas	53,720	15,737	1,702	29.3	37,730	70.2	163	0.3	89	0.2
Puerto Rico	2,121,183	588,027	953	27.7	1,532,799	72.3	116	(2)	242	(2)
Virgin Islands	160,253	29,720	1,343	18.5	—	—	130,319	81.3	214	0.1

—Not available.

[1] Includes revenues from gifts, and tuition and fees from patrons.

[2] Less than .05 percent.

NOTE: Excludes revenues for state education agencies. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared May 2001.)

Table 159.—Revenues for public elementary and secondary schools, by source and state: 1997–98

State or other area	Total, in thousands	Federal			State		Local and intermediate		Private [1]	
		Amount, in thousands	Per student	Percent of total	Amount, in thousands	Percent of total	Amount, in thousands	Percent of total	Amount, in thousands	Percent of total
1	2	3	4	5	6	7	8	9	10	11
United States	**$325,925,708**	**$22,201,965**	**$481**	**6.8**	**$157,645,372**	**48.4**	**$137,860,393**	**42.3**	**$8,217,977**	**2.5**
Alabama	4,146,629	389,242	520	9.4	2,589,826	62.5	960,799	23.2	206,762	5.0
Alaska	1,218,425	149,630	1,133	12.3	757,286	62.2	278,785	22.9	32,724	2.7
Arizona	4,731,675	482,748	593	10.2	2,096,739	44.3	2,045,829	43.2	106,360	2.2
Arkansas	2,600,655	280,682	615	10.8	1,500,334	57.7	674,943	26.0	144,697	5.6
California	38,142,613	3,120,793	538	8.2	22,963,395	60.2	11,655,935	30.6	402,490	1.1
Colorado	4,327,326	219,798	320	5.1	1,879,065	43.4	2,061,131	47.6	167,332	3.9
Connecticut	5,159,304	201,858	377	3.9	1,925,676	37.3	2,894,418	56.1	137,353	2.7
Delaware	913,616	69,240	618	7.6	588,211	64.4	243,784	26.7	12,380	1.4
District of Columbia	706,935	116,363	1,509	16.5	—	—	587,111	83.1	3,461	0.5
Florida	14,988,118	1,145,240	499	7.6	7,311,149	48.8	5,945,424	39.7	586,304	3.9
Georgia	9,041,434	616,455	448	6.8	4,625,560	51.2	3,625,225	40.1	174,194	1.9
Hawaii	1,282,702	110,725	583	8.6	1,141,002	89.0	6,229	0.5	24,746	1.9
Idaho	1,320,647	92,937	380	7.0	827,955	62.7	377,211	28.6	22,544	1.7
Illinois	14,149,155	957,788	479	6.8	4,033,015	28.5	8,844,102	62.5	314,250	2.2
Indiana	7,513,407	363,393	368	4.8	3,860,331	51.4	3,072,377	40.9	217,307	2.9
Iowa	3,346,481	177,460	354	5.3	1,715,706	51.3	1,278,597	38.2	174,719	5.2
Kansas	3,122,238	184,940	395	5.9	1,807,350	57.9	1,046,453	33.5	83,495	2.7
Kentucky	3,932,068	376,532	563	9.6	2,427,126	61.7	1,041,560	26.5	86,849	2.2
Louisiana	4,493,189	506,525	652	11.3	2,266,287	50.4	1,612,455	35.9	107,922	2.4
Maine	1,600,635	111,892	526	7.0	728,812	45.5	742,945	46.4	16,986	1.1
Maryland	6,454,696	337,791	407	5.2	2,514,141	39.0	3,401,284	52.7	201,480	3.1
Massachusetts	7,893,657	395,259	416	5.0	3,213,490	40.7	4,175,831	52.9	109,076	1.4
Michigan	14,329,715	950,569	558	6.6	9,459,203	66.0	3,641,277	25.4	278,665	1.9
Minnesota	6,529,420	320,513	375	4.9	3,418,033	52.3	2,597,752	39.8	193,122	3.0
Mississippi	2,407,954	339,316	672	14.1	1,333,568	55.4	653,106	27.1	81,964	3.4
Missouri	6,005,256	375,185	412	6.2	2,384,741	39.7	3,009,034	50.1	236,295	3.9
Montana	1,029,939	105,211	648	10.2	482,681	46.9	398,569	38.7	43,477	4.2
Nebraska	1,964,205	130,716	447	6.7	650,846	33.1	1,074,733	54.7	107,910	5.5
Nevada	1,910,794	87,580	295	4.6	607,846	31.8	1,149,020	60.1	66,347	3.5
New Hampshire	1,364,943	51,940	258	3.8	127,607	9.3	1,152,828	84.5	32,567	2.4
New Jersey	13,189,983	477,088	382	3.6	5,246,646	39.8	7,160,964	54.3	305,286	2.3
New Mexico	1,952,452	258,676	780	13.2	1,409,495	72.2	240,582	12.3	43,699	2.2
New York	27,782,468	1,512,286	528	5.4	11,038,714	39.7	14,970,650	53.9	260,818	0.9
North Carolina	7,188,615	520,907	421	7.2	4,838,150	67.3	1,631,999	22.7	197,558	2.7
North Dakota	682,419	84,339	711	12.4	280,238	41.1	280,742	41.1	37,100	5.4
Ohio	13,458,095	783,397	424	5.8	5,547,736	41.2	6,581,231	48.9	545,731	4.1
Oklahoma	3,416,296	295,299	473	8.6	2,103,243	61.6	837,037	24.5	180,716	5.3
Oregon	3,883,939	248,549	459	6.4	2,204,918	56.8	1,305,950	33.6	124,523	3.2
Pennsylvania	14,837,945	868,600	479	5.9	5,736,509	38.7	7,959,292	53.6	273,544	1.8
Rhode Island	1,264,156	68,680	448	5.4	507,377	40.1	671,445	53.1	16,653	1.3
South Carolina	4,055,072	343,673	521	8.5	2,087,806	51.5	1,448,682	35.7	174,911	4.3
South Dakota	794,256	79,522	558	10.0	282,518	35.6	408,047	51.4	24,168	3.0
Tennessee	4,815,833	425,768	477	8.8	2,299,491	47.7	1,751,162	36.4	339,411	7.0
Texas	24,179,060	1,845,074	474	7.6	10,675,578	44.2	11,070,763	45.8	587,646	2.4
Utah	2,305,397	159,870	331	6.9	1,406,577	61.0	681,185	29.5	57,756	2.5
Vermont	861,643	44,752	422	5.2	253,572	29.4	547,924	63.6	15,395	1.8
Virginia	7,755,814	405,791	365	5.2	2,432,370	31.4	4,671,063	60.2	246,591	3.2
Washington	6,895,693	442,455	446	6.4	4,548,851	66.0	1,682,908	24.4	221,480	3.2
West Virginia	2,216,984	204,827	680	9.2	1,389,076	62.7	593,409	26.8	29,671	1.3
Wisconsin	7,059,759	316,879	359	4.5	3,789,320	53.7	2,803,968	39.7	149,592	2.1
Wyoming	702,001	47,203	486	6.7	330,208	47.0	312,643	44.5	11,948	1.7
Outlying areas										
American Samoa	49,677	38,669	2,542	77.8	10,897	21.9	28	0.1	82	0.2
Guam	173,339	18,100	558	10.4	—	—	151,023	87.1	4,216	2.4
Northern Marianas	58,239	15,242	1,648	26.2	42,796	73.5	132	0.2	70	0.1
Puerto Rico	2,094,025	572,495	928	27.3	1,520,398	72.6	320	(2)	811	(2)
Virgin Islands	152,499	27,719	1,252	18.2	—	—	124,635	81.7	146	0.1

—Not available.

[1] Includes revenues from gifts, and tuition and fees from patrons.

[2] Less than .05 percent.

NOTE: Excludes revenues for state education agencies. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared November 2001.)

Table 160.—Funds and staff for state education agencies, by source of funding and state: 1992–93

State	Funds retained for state administration, by source, in thousands				Total state administration funds per student	State education agency (FTE) staff, by source of funds for position			Students per state FTE staff
	Total	Federal (core activities) [1]	Percent federal	State and local		Total FTE staff	Federally supported (core activities) [1]	State and local supported	
1	2	3	4	5	6	7	8	9	10
United States [2]	**$1,966,453**	**$526,847**	**26.8**	**$1,439,606**	**$46**	**28,626**	**7,054**	**21,572**	**1,496**
Alabama	52,111	13,007	25.0	39,103	71	1,006	127	879	727
Alaska	38,461	5,046	13.1	33,414	314	503	44	460	244
Arizona	19,315	7,460	38.6	11,856	29	362	175	187	1,862
Arkansas	17,561	4,204	23.9	13,356	40	290	74	216	1,522
California	148,989	52,316	35.1	96,673	28	1,898	419	1,479	2,768
Colorado	21,361	5,991	28.0	15,370	35	223	90	133	2,750
Connecticut	139,733	11,433	8.2	128,300	286	2,005	196	1,809	244
Delaware	10,949	2,578	23.5	8,371	105	128	44	84	817
District of Columbia	—	—	—	—	—	—	—	—	—
Florida	56,310	25,470	45.2	30,840	28	688	323	366	2,878
Georgia	58,632	9,918	16.9	48,714	49	935	147	788	1,291
Hawaii	—	—	—	—	—	—	—	—	—
Idaho	7,346	2,938	40.0	4,408	32	104	45	59	2,224
Illinois	42,854	22,092	51.6	20,762	23	746	317	429	2,511
Indiana	29,220	7,339	25.1	21,880	30	309	132	177	3,109
Iowa	20,589	9,582	46.5	11,007	42	226	106	120	2,192
Kansas	12,701	5,422	42.7	7,279	28	199	83	116	2,269
Kentucky	49,745	6,202	12.5	43,542	76	859	105	754	763
Louisiana	35,978	13,015	36.2	22,963	45	573	254	320	1,393
Maine [3]	17,356	4,248	24.5	13,109	80	207	90	117	1,046
Maryland	42,343	8,737	20.6	33,606	56	556	126	430	1,351
Massachusetts	30,191	13,557	44.9	16,633	35	368	173	195	2,337
Michigan	53,743	15,656	29.1	38,088	34	844	256	588	1,899
Minnesota	23,730	9,072	38.2	14,658	30	416	129	287	1,908
Mississippi	40,892	5,703	13.9	35,190	81	724	144	580	700
Missouri	42,860	8,708	20.3	34,152	50	1,448	132	1,317	593
Montana	8,070	3,490	43.2	4,581	50	137	52	85	1,168
Nebraska	20,624	5,018	24.3	15,607	73	398	75	323	710
Nevada	5,305	2,643	49.8	2,662	24	90	47	42	2,491
New Hampshire	7,889	2,662	33.7	5,226	44	157	60	97	1,154
New Jersey	65,111	25,857	39.7	39,254	58	1,001	326	675	1,129
New Mexico	10,398	3,753	36.1	6,645	33	216	67	149	1,461
New York	181,649	47,866	26.4	133,783	68	2,565	567	1,998	1,049
North Carolina	49,298	13,990	28.4	35,308	44	796	144	652	1,399
North Dakota	5,683	3,187	56.1	2,496	48	93	52	41	1,277
Ohio	32,879	14,741	44.8	18,139	18	511	242	269	3,513
Oklahoma	32,178	8,347	25.9	23,831	54	499	98	401	1,196
Oregon	61,178	15,822	25.9	45,357	120	418	58	360	1,221
Pennsylvania	72,979	19,746	27.1	53,233	42	1,134	237	897	1,515
Rhode Island	13,705	4,347	31.7	9,358	95	152	59	93	948
South Carolina	87,109	9,130	10.5	77,979	136	946	105	841	677
South Dakota	7,419	3,988	53.8	3,430	55	102	42	60	1,324
Tennessee	36,778	10,525	28.6	26,253	43	456	100	356	1,876
Texas	59,560	18,321	30.8	41,238	17	1,013	358	654	3,498
Utah	25,763	6,092	23.6	19,671	56	364	62	302	1,273
Vermont	7,348	2,672	36.4	4,675	75	143	65	78	689
Virginia	29,236	9,830	33.6	19,406	28	371	102	270	2,781
Washington	19,472	6,843	35.1	12,629	22	253	88	165	3,542
West Virginia	21,188	5,069	23.9	16,119	67	403	113	289	790
Wisconsin	87,883	11,377	12.9	76,506	106	692	179	512	1,199
Wyoming	4,782	1,837	38.4	2,945	48	100	25	75	1,003

—Not available.

[1] Core education activities include: Chapter 1; Chapter 2; Special Education; Child Nutrition; Vocational Education; Adult Education; AIDS Education; Civil Rights Act; and Homeless Education Programs.

[2] Excludes District of Columbia and Hawaii.

[3] Excludes State Teacher Retirement Program.

NOTE: Excludes funds for schools and school districts. FTE=full-time equivalent. Detail may not sum to totals due to rounding.

SOURCE: U.S. General Accounting Office, *Education Finance, Extent of Federal Funding in State Education Agencies*, and U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared September 1996.)

Table 161.—Current expenditures for public elementary and secondary education, by state: 1969–70 to 2000–01

[In thousands]

State or other area	1969–70	1979–80	1980–81	1985–86	1988–89	1989–90	1990–91	1991–92	1992–93
1	2	3	4	5	6	7	8	9	10
United States	**$34,217,773**	**$86,984,142**	**$94,321,093**	**$137,164,965**	**$173,098,906**	**$188,229,359**	**$202,037,752**	**$211,210,190**	**$220,948,052**
Alabama	422,730	1,146,713	1,393,137	1,761,154	2,188,020	2,275,233	2,475,216	2,465,523	2,610,514
Alaska	81,374	377,947	476,368	818,219	739,020	828,051	854,499	931,869	967,765
Arizona	281,941	949,753	1,075,362	1,649,832	2,143,148	2,258,660	2,469,543	2,599,586	2,753,504
Arkansas	235,083	666,949	709,394	1,085,943	1,319,370	1,404,545	1,510,092	1,656,201	1,703,621
California	3,831,595	9,172,158	9,936,642	15,040,898	19,417,178	21,485,782	22,748,218	23,696,863	24,219,792
Colorado	369,218	1,243,049	1,369,883	2,018,579	2,324,625	2,451,833	2,642,850	2,754,087	2,919,916
Connecticut	588,710	1,227,892	1,440,881	2,144,094	2,984,542	3,444,520	3,540,411	3,665,505	3,739,497
Delaware	108,747	269,108	270,439	391,558	479,327	520,953	543,933	572,152	600,161
District of Columbia	141,138	298,448	295,155	406,910	584,035	639,983	647,901	677,422	670,677
Florida	961,273	2,766,468	3,336,657	5,092,668	7,245,515	8,228,531	9,045,710	9,314,079	9,661,012
Georgia	599,371	1,608,028	1,688,714	2,979,980	4,006,069	4,505,962	4,804,225	4,856,583	5,273,143
Hawaii	141,324	351,889	395,038	575,456	643,319	700,012	827,579	884,591	946,074
Idaho	103,107	313,927	352,912	492,092	570,013	627,794	708,045	760,440	804,231
Illinois	1,896,067	4,579,355	4,773,179	6,066,390	7,655,153	8,125,493	8,932,538	9,244,655	9,942,737
Indiana	809,105	1,851,292	1,898,194	2,851,080	3,779,468	4,074,578	4,379,142	4,544,829	4,797,946
Iowa	527,086	1,186,659	1,337,504	1,644,359	1,925,623	2,004,742	2,136,561	2,356,196	2,459,141
Kansas	362,593	830,133	958,281	1,423,225	1,712,260	1,848,302	1,938,012	2,028,440	2,224,080
Kentucky	353,265	1,054,459	1,096,472	1,434,962	1,918,741	2,134,011	2,480,363	2,709,623	2,823,134
Louisiana	503,217	1,303,902	1,767,692	2,333,748	2,468,307	2,838,283	3,023,690	3,188,024	3,199,919
Maine	155,907	385,492	401,355	688,673	921,931	1,048,195	1,070,965	1,121,360	1,217,418
Maryland	721,794	1,783,056	1,937,159	2,634,209	3,505,018	3,894,644	4,240,862	4,362,679	4,556,266
Massachusetts	907,341	2,638,734	2,794,762	3,403,505	4,516,604	4,760,390	4,906,828	5,035,973	5,281,067
Michigan	1,799,945	4,642,847	5,196,249	6,184,767	7,492,267	8,025,621	8,545,805	9,156,501	9,532,994
Minnesota	781,243	1,786,768	1,900,322	2,637,722	3,282,296	3,474,398	3,740,820	3,936,695	4,135,284
Mississippi	262,760	756,018	716,878	1,058,301	1,365,846	1,472,710	1,510,552	1,536,295	1,600,752
Missouri	642,030	1,504,988	1,643,258	2,277,576	3,096,666	3,288,738	3,487,786	3,611,613	3,710,426
Montana	127,176	358,118	380,092	567,901	592,454	641,345	719,963	751,710	785,159
Nebraska	231,612	581,615	629,017	911,983	1,105,009	1,233,431	1,297,643	1,381,290	1,430,039
Nevada	87,273	281,901	287,752	495,147	628,657	712,898	864,379	962,800	1,035,623
New Hampshire	101,370	295,400	340,518	522,604	733,240	821,671	890,116	927,625	972,963
New Jersey	1,343,564	3,638,533	3,648,914	5,735,895	7,309,147	8,119,336	8,897,612	9,660,899	9,915,482
New Mexico	183,736	515,451	560,213	808,036	975,552	1,020,148	1,134,156	1,212,189	1,240,310
New York	4,111,839	8,760,500	9,259,948	13,686,039	17,127,596	18,090,978	19,514,583	19,781,384	20,898,267
North Carolina	676,193	1,880,862	2,112,417	2,991,747	3,892,971	4,342,826	4,605,384	4,660,027	4,930,823
North Dakota	97,895	228,483	254,197	379,470	431,814	459,391	460,581	491,293	511,095
Ohio	1,639,805	3,836,576	4,149,858	5,856,999	7,484,434	7,994,379	8,407,428	9,124,731	9,173,393
Oklahoma	339,105	1,055,844	1,193,373	1,740,981	1,833,743	1,905,332	2,107,513	2,268,958	2,442,320
Oregon	403,844	1,126,812	1,292,624	1,662,372	2,123,241	2,297,944	2,453,934	2,626,803	2,849,009
Pennsylvania	1,912,644	4,584,320	4,955,115	6,750,520	8,579,546	9,496,788	10,087,322	10,371,796	10,944,392
Rhode Island	145,443	362,046	395,389	569,935	747,852	801,908	823,655	865,898	934,815
South Carolina	367,689	997,984	1,006,088	1,708,603	2,118,732	2,322,618	2,494,254	2,564,949	2,690,009
South Dakota	109,375	238,332	242,215	360,832	428,014	447,074	481,304	518,156	553,005
Tennessee	473,226	1,319,303	1,429,938	1,990,889	2,668,341	2,790,808	2,903,209	2,859,755	3,139,223
Texas	1,518,181	4,997,689	5,310,181	9,642,812	11,761,447	12,763,954	13,695,327	14,709,628	15,121,655
Utah	179,981	518,251	587,648	906,484	1,043,759	1,130,135	1,235,916	1,296,723	1,376,319
Vermont	78,921	189,811	224,901	346,164	485,226	546,901	599,018	606,410	616,212
Virginia	704,677	1,881,519	2,045,412	3,183,707	4,151,050	4,621,071	4,958,213	4,993,480	5,228,326
Washington	699,984	1,825,782	1,791,477	2,702,652	3,209,992	3,550,819	3,906,471	4,259,048	4,679,698
West Virginia	249,404	678,386	754,889	1,164,882	1,202,486	1,316,637	1,473,640	1,503,980	1,626,005
Wisconsin	777,288	1,908,523	2,035,879	2,893,797	3,688,311	3,929,920	4,292,434	4,597,004	4,954,900
Wyoming	69,584	226,067	271,153	488,616	491,930	509,084	521,549	545,870	547,938
Outlying areas									
American Samoa	—	—	—	14,997	22,314	21,838	24,946	26,972	23,636
Guam	16,652	—	—	78,545	94,368	101,130	116,406	132,494	161,477
Northern Marianas	—	—	—	12,556	16,118	20,476	26,822	32,498	38,784
Puerto Rico	—	—	713,000	842,827	1,030,387	1,045,407	1,142,863	1,207,235	1,295,452
Virgin Islands	—	—	—	76,751	111,750	128,065	119,950	121,660	120,510

Table 161.—Current expenditures for public elementary and secondary education, by state: 1969–70 to 2000–01—Continued

[In thousands]

State or other area	1993–94	1994–95	1995–96	1996–97	1997–98[1]	1998–99	Estimated 1999–2000[2]	Estimated 2000–01[2]
1	11	12	13	14	15	16	17	18
United States	**$231,542,764**	**$243,877,582**	**$255,106,683**	**$270,174,298**	**$285,485,370**	**$302,873,955**	**[3]$319,158,261**	**[3]$333,828,141**
Alabama	2,809,713	3,026,287	3,240,364	3,436,406	3,633,159	3,880,188	4,127,751	4,334,139
Alaska	1,002,515	1,020,675	1,045,022	1,069,379	1,092,750	1,137,610	1,191,230	1,226,966
Arizona	2,911,304	3,144,540	3,327,969	3,527,473	3,740,889	3,963,428	[4]4,160,096	[4]4,257,374
Arkansas	1,782,645	1,873,595	1,994,748	2,074,113	2,149,237	2,241,244	[5]2,334,098	[5]2,360,599
California	25,140,639	25,949,033	27,334,639	29,909,168	32,759,492	34,379,878	[4]37,095,936	[4]39,026,563
Colorado	2,954,793	3,232,976	3,360,529	3,577,211	3,886,872	4,140,699	4,255,473	4,408,670
Connecticut	3,943,891	4,247,328	4,366,123	4,522,718	4,763,653	5,075,581	5,385,000	5,697,000
Delaware	643,915	694,473	726,241	788,715	830,731	872,786	913,583	1,001,457
District of Columbia	713,427	666,938	679,106	632,952	647,202	693,716	[4]777,300	[4]807,381
Florida	10,331,896	11,019,735	11,480,359	12,018,676	12,737,325	13,534,374	13,991,183	[4]14,562,376
Georgia	5,643,843	6,136,689	6,629,646	7,230,405	7,770,241	8,537,177	[5]9,051,555	[5]9,359,589
Hawaii	998,143	1,028,729	1,040,682	1,057,069	1,112,351	1,143,713	1,160,868	1,178,281
Idaho	859,088	951,350	1,019,594	1,090,597	1,153,778	1,239,755	[5]1,297,838	[5]1,323,127
Illinois	10,076,889	10,640,279	10,727,091	11,720,249	12,473,064	13,602,965	[5]14,318,395	[5]14,726,541
Indiana	5,064,685	5,243,761	5,493,653	6,055,055	6,234,563	6,697,468	7,166,000	7,668,000
Iowa	2,527,434	2,622,510	2,753,425	2,885,943	3,005,421	3,110,585	3,213,234	3,335,337
Kansas	2,325,247	2,406,580	2,488,077	2,568,525	2,684,244	2,841,147	3,008,774	3,189,301
Kentucky	2,952,119	2,988,892	3,171,495	3,382,062	3,489,205	3,645,631	[6]4,010,533	4,256,345
Louisiana	3,309,018	3,475,926	3,545,832	3,747,508	4,029,139	4,264,981	4,358,424	4,445,592
Maine	1,208,411	1,281,706	1,313,759	1,372,571	1,433,175	1,510,024	1,548,708	1,634,197
Maryland	4,783,023	5,083,380	5,311,207	5,529,309	5,843,685	6,165,934	6,178,289	6,633,866
Massachusetts	5,637,337	6,062,303	6,435,458	6,846,610	7,381,784	7,948,502	8,499,362	9,050,308
Michigan	9,816,830	10,440,206	11,137,877	11,686,124	12,003,818	12,785,480	13,245,757	13,722,604
Minnesota	4,328,093	4,622,930	4,844,879	5,087,353	5,452,571	5,816,329	6,576,231	7,159,543
Mississippi	1,725,386	1,921,480	2,000,321	2,035,675	2,164,592	2,293,188	[6]2,512,308	2,637,923
Missouri	3,981,614	4,275,217	4,531,192	4,775,931	5,067,720	5,348,366	5,177,929	5,385,046
Montana	822,015	844,257	868,892	902,252	929,197	955,695	975,630	995,900
Nebraska	1,513,971	1,594,928	1,648,104	1,707,455	1,743,775	1,821,310	1,913,286	2,017,561
Nevada	1,099,685	1,186,132	1,296,629	1,434,395	1,570,576	1,738,009	1,784,925	1,918,795
New Hampshire	1,007,129	1,053,966	1,114,540	1,173,958	1,241,255	1,316,946	1,461,060	1,536,740
New Jersey	10,448,096	10,776,982	11,208,558	11,771,941	12,056,560	12,874,579	[4]13,658,938	[4]14,129,045
New Mexico	1,323,459	1,441,078	1,517,517	1,557,376	1,659,891	1,788,382	[6]1,881,930	2,045,977
New York	22,059,949	22,989,629	23,522,461	24,237,291	25,332,735	26,885,444	[5]28,178,914	[5]29,209,562
North Carolina	5,145,416	5,440,426	5,582,994	5,964,939	6,497,648	7,097,882	[6]7,207,191	7,630,436
North Dakota	522,377	534,632	557,043	577,498	599,443	625,428	[6]778,080	809,204
Ohio	9,612,678	10,030,956	10,408,022	10,948,074	11,448,722	12,207,147	11,800,000	12,400,000
Oklahoma	2,680,113	2,763,721	2,804,088	2,990,044	3,138,690	3,332,697	3,716,865	3,717,980
Oregon	2,852,723	2,948,539	3,056,801	3,184,100	3,474,714	3,706,044	3,843,000	4,026,000
Pennsylvania	11,236,417	11,587,027	12,374,073	12,820,704	13,084,859	13,532,211	14,281,000	15,070,000
Rhode Island	990,094	1,050,969	1,094,185	1,151,888	1,215,595	1,283,859	1,419,479	1,504,648
South Carolina	2,790,878	2,920,230	3,085,495	3,296,661	3,507,017	3,759,042	4,003,380	4,263,599
South Dakota	584,894	612,825	610,640	628,753	665,082	696,785	734,713	783,489
Tennessee	3,305,579	3,540,682	3,728,486	4,145,380	4,409,338	4,638,924	[6]5,159,192	[4]5,189,243
Texas	16,193,722	17,572,269	18,801,462	20,167,238	21,188,676	22,430,153	24,319,431	25,753,029
Utah	1,511,205	1,618,047	1,719,782	1,822,725	1,916,688	2,025,714	1,978,731	2,077,668
Vermont	643,828	665,559	684,864	718,092	749,786	792,664	828,216	886,771
Virginia	5,441,384	5,750,318	5,969,608	6,343,768	6,736,863	7,137,421	[4]7,517,511	[4]7,721,950
Washington	4,892,690	5,138,928	5,394,507	5,587,803	5,987,060	6,098,036	[4]6,404,000	[4]6,557,294
West Virginia	1,663,868	1,758,557	1,806,004	1,847,560	1,905,940	1,986,562	2,087,662	2,157,163
Wisconsin	5,170,343	5,422,264	5,670,826	5,975,122	6,280,696	6,620,653	6,979,011	7,327,962
Wyoming	558,353	577,144	581,817	591,488	603,901	651,622	[6]690,259	710,000
Outlying areas								
American Samoa	25,161	28,643	30,382	33,780	33,088	35,092	[4]36,895	[4]37,822
Guam	160,797	161,434	158,303	156,561	168,716	—	[4]194,156	[4]202,155
Northern Marianas	32,824	45,008	44,037	53,140	56,514	50,450	[6]53,228	54,558
Puerto Rico	1,360,762	1,501,485	1,667,640	1,740,074	1,981,603	2,024,499	[4]2,111,182	[4]2,146,574
Virgin Islands	120,556	122,094	122,286	122,188	131,315	146,474	146,474	[4]154,107

—Not available.

[1] Data revised from previously published figures.

[2] Data estimated by state education agencies unless otherwise indicated.

[3] U.S. total includes National Center for Education Statistics estimates for nonreporting states.

[4] Estimated by the National Center for Education Statistics.

[5] Data include inputations by National Center for Education Statistics for food services and/or enterprise operations.

[6] Actual preliminary count.

NOTE: Beginning in 1980–81, expenditures for state administration are excluded. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems;* and Common Core of Data surveys. (This table was prepared November 2001.)

Table 162.—Total expenditures for public elementary and secondary education, by function and state: 1998–99

[In thousands]

State or other area	Total expenditures							
	Total	Current expenditures for elementary and secondary programs						
		Current expenditures for public schools	Instruction	Student support services				
				Total	Student support[4]	Instructional staff[5]	General administration	School administration
1	2	3	4	5	6	7	8	9
United States	**$355,859,449**	**$302,873,955**	**$186,756,251**	**$102,984,961**	**$15,239,907**	**$13,299,688**	**$6,120,740**	**$17,175,997**
Alabama	4,626,884	3,880,188	2,400,979	1,210,422	166,526	140,762	104,219	237,210
Alaska	1,264,525	1,137,610	643,949	456,525	58,958	76,369	57,881	67,174
Arizona	5,341,305	3,963,428	2,380,620	1,385,289	191,444	114,967	76,834	221,458
Arkansas	2,480,435	2,241,244	1,436,486	649,836	95,067	87,535	73,766	52,553
California	39,973,279	34,379,878	20,972,433	12,034,782	1,790,834	1,729,249	207,722	2,513,028
Colorado	5,024,543	4,140,699	2,410,400	1,581,647	158,596	171,589	67,013	269,118
Connecticut	5,827,005	5,075,581	3,225,862	1,602,041	276,369	162,445	97,816	278,828
Delaware	972,747	872,786	534,174	298,325	40,678	12,653	10,043	49,470
District of Columbia	755,576	693,716	314,468	351,290	59,335	98,935	12,309	46,825
Florida	16,615,626	13,534,374	7,925,242	4,945,464	683,444	812,964	151,878	832,576
Georgia	10,113,816	8,537,177	5,339,447	2,726,325	412,249	474,475	112,642	510,681
Hawaii	1,400,063	1,143,713	718,107	350,077	77,903	37,588	7,256	74,965
Idaho	1,420,733	1,239,755	767,909	417,679	68,225	52,260	30,135	72,969
Illinois	16,255,656	13,602,965	8,240,926	4,889,281	773,720	536,087	458,073	715,459
Indiana	8,111,363	6,697,468	4,183,169	2,229,545	291,828	206,426	119,207	377,460
Iowa	3,521,011	3,110,585	1,828,806	1,048,543	198,621	153,702	89,647	162,200
Kansas	3,155,418	2,841,147	1,632,547	1,066,511	156,478	130,343	105,258	185,698
Kentucky	3,948,832	3,645,631	2,249,562	1,190,541	135,467	172,884	96,746	208,046
Louisiana	4,801,137	4,264,981	2,576,840	1,343,988	169,484	186,293	91,349	234,233
Maine	1,642,951	1,510,024	1,015,728	441,736	47,139	44,985	29,762	85,226
Maryland	7,182,797	6,165,934	3,791,102	2,092,027	256,360	334,700	37,248	436,912
Massachusetts	8,368,976	7,948,502	5,295,485	2,406,210	405,269	254,134	158,366	353,541
Michigan	15,604,340	12,785,480	7,432,224	4,980,257	823,394	574,583	306,938	808,357
Minnesota	7,353,993	5,816,329	3,647,489	1,929,556	192,749	327,321	88,927	240,563
Mississippi	2,830,349	2,293,188	1,384,027	746,304	90,589	95,818	71,036	128,930
Missouri	6,242,701	5,348,366	3,293,321	1,826,265	246,808	223,756	157,786	321,179
Montana	1,052,773	955,695	597,772	318,994	44,102	35,939	29,090	50,623
Nebraska	2,086,536	1,821,310	1,145,752	538,485	73,898	64,765	61,516	91,518
Nevada	2,301,747	1,738,009	1,040,680	643,224	65,571	69,151	26,115	126,090
New Hampshire	1,430,462	1,316,946	858,974	412,145	71,601	36,143	49,442	73,990
New Jersey	14,250,489	12,874,579	7,705,505	4,790,297	1,062,690	381,918	370,834	712,644
New Mexico	2,116,905	1,788,382	1,015,367	686,625	162,053	87,897	48,345	93,308
New York	30,357,364	26,885,444	18,227,087	7,930,135	997,953	724,357	565,464	1,108,114
North Carolina	8,712,151	7,097,882	4,458,396	2,220,444	366,070	254,854	147,209	474,763
North Dakota	711,740	625,428	382,138	192,382	22,007	16,403	30,289	29,831
Ohio	14,006,167	12,207,147	7,198,914	4,565,168	622,258	673,098	287,163	721,527
Oklahoma	3,668,577	3,332,697	2,000,616	1,116,721	191,951	100,727	118,462	175,052
Oregon	4,173,853	3,706,044	2,195,694	1,383,787	179,456	195,824	85,110	233,680
Pennsylvania	16,343,516	13,532,211	8,575,108	4,453,339	622,772	485,729	403,535	599,413
Rhode Island	1,341,549	1,283,859	851,859	396,871	83,602	51,750	26,658	62,829
South Carolina	4,612,674	3,759,042	2,242,844	1,292,082	247,162	217,591	50,068	231,424
South Dakota	840,515	696,785	424,211	235,257	36,643	25,970	24,383	36,854
Tennessee	5,432,316	4,638,924	3,032,953	1,372,663	154,165	248,593	88,931	240,764
Texas	27,496,479	22,430,153	13,571,196	7,671,526	1,083,912	1,191,090	402,609	1,244,078
Utah	2,536,260	2,025,714	1,328,807	574,738	67,306	86,421	21,548	118,955
Vermont	853,705	792,664	512,432	258,060	50,953	25,846	21,851	53,373
Virginia	8,376,912	7,137,421	4,340,680	2,423,409	342,628	414,716	70,659	425,557
Washington	7,449,610	6,098,036	3,646,974	2,154,875	409,600	286,716	130,139	296,933
West Virginia	2,207,537	1,986,562	1,230,925	638,769	64,389	54,535	50,317	111,145
Wisconsin	7,928,144	6,620,653	4,138,977	2,277,038	311,494	331,548	177,293	340,510
Wyoming	735,411	651,622	391,091	237,459	38,136	25,286	13,853	38,367
Outlying areas								
American Samoa	43,864	35,092	15,014	13,238	4,711	2,506	608	1,875
Guam	—	—	—	—	—	—	—	—
Northern Marianas	55,463	50,450	40,667	6,456	190	24	5,999	0
Puerto Rico	2,090,530	2,024,499	1,386,049	406,614	65,900	19,467	41,280	0
Virgin Islands	152,211	146,474	89,700	49,828	9,532	6,236	8,672	5,688

Table 162.—Total expenditures for public elementary and secondary education, by function and state: 1998–99—Continued

[In thousands]

State or other area	Total expenditures							
	Current expenditures for elementary and secondary programs					Other current expenditures[1]	Capital outlay[2]	Interest on school debt
	Student support services			Food services	Enterprise operations[3]			
	Operation and maintenance	Student transportation	Other support services					
1	10	11	12	13	14	15	16	17
United States	**$29,383,542**	**$11,962,509**	**$9,782,578**	**$12,262,012**	**$870,731**	**$5,262,613**	**$39,526,645**	**$8,196,236**
Alabama	322,180	162,239	77,287	268,786	0	171,898	518,782	56,016
Alaska	153,257	40,575	2,311	31,727	5,409	4,925	104,780	17,210
Arizona	453,182	134,737	192,667	171,701	25,818	28,041	1,342,733	7,103
Arkansas	210,317	90,178	40,420	133,189	21,732	15,724	175,046	48,421
California	3,395,541	886,406	1,512,002	1,362,268	10,394	663,236	4,688,499	241,666
Colorado	385,775	122,234	407,321	136,659	11,993	38,260	628,792	216,791
Connecticut	451,985	225,124	109,474	138,962	108,717	96,314	533,001	122,109
Delaware	91,907	48,615	44,960	40,287	0	14,516	73,511	11,934
District of Columbia	80,096	28,488	25,302	27,958	0	1,784	43,842	16,235
Florida	1,475,807	564,554	424,241	663,668	0	459,476	2,099,396	522,379
Georgia	685,685	311,183	219,409	464,880	6,524	44,952	1,354,965	176,722
Hawaii	100,916	20,731	30,718	75,529	0	32,952	183,164	40,235
Idaho	115,051	56,220	22,819	54,167	0	3,507	148,922	28,549
Illinois	1,404,090	624,746	377,108	472,759	0	121,406	2,241,468	289,817
Indiana	720,014	355,968	158,643	284,755	0	53,115	813,218	547,562
Iowa	258,157	96,550	89,665	138,412	94,824	21,400	340,189	48,837
Kansas	297,631	115,328	75,776	142,090	0	3,089	226,510	84,673
Kentucky	317,778	179,780	79,840	205,528	0	44,661	179,613	78,926
Louisiana	356,503	222,082	84,044	290,415	53,738	17,627	418,660	99,868
Maine	142,021	66,769	25,836	52,508	51	16,550	83,417	32,961
Maryland	574,526	301,689	150,593	189,185	93,621	20,903	928,053	67,906
Massachusetts	713,594	356,282	165,024	246,807	0	83,754	154,450	182,270
Michigan	1,358,512	514,848	593,625	372,999	0	320,671	2,034,936	463,254
Minnesota	481,708	316,332	281,957	239,284	0	279,907	985,825	271,932
Mississippi	229,799	92,344	37,788	162,303	554	16,001	467,260	53,901
Missouri	512,893	273,187	90,657	228,780	0	105,770	615,064	173,501
Montana	96,651	41,402	21,187	38,139	790	6,426	79,177	11,475
Nebraska	160,088	51,298	35,404	74,646	62,427	2,631	228,909	33,686
Nevada	170,011	69,629	116,658	54,105	0	11,776	449,203	102,758
New Hampshire	110,295	58,421	12,253	45,827	0	3,305	84,178	26,033
New Jersey	1,319,881	674,909	267,422	319,721	59,057	165,775	1,003,338	206,797
New Mexico	177,066	89,682	28,273	85,053	1,337	10,971	286,883	30,669
New York	2,439,996	1,348,261	745,989	728,221	0	1,010,219	1,787,147	674,555
North Carolina	564,587	254,225	158,738	419,042	0	54,456	1,367,815	191,999
North Dakota	53,081	27,462	13,310	31,066	19,842	4,800	73,784	7,728
Ohio	1,140,213	285,098	835,810	439,540	3,525	369,125	1,208,148	221,747
Oklahoma	345,276	101,466	83,786	183,295	32,065	10,464	290,924	34,491
Oregon	359,698	150,863	179,156	120,451	6,112	25,653	342,512	99,643
Pennsylvania	1,345,381	634,077	362,433	480,510	23,253	325,740	1,862,114	623,451
Rhode Island	101,507	52,875	17,650	35,129	0	7,885	29,026	20,779
South Carolina	340,626	114,653	90,559	205,459	18,657	45,706	708,276	99,649
South Dakota	66,778	24,865	19,766	35,840	1,476	1,454	125,967	16,309
Tennessee	419,748	157,887	62,574	233,308	0	24,753	670,141	98,497
Texas	2,446,417	586,383	717,036	1,187,430	0	157,648	3,955,227	953,452
Utah	182,391	58,701	39,416	110,589	11,579	59,763	372,519	78,265
Vermont	62,409	26,719	16,910	21,521	652	2,272	44,142	14,626
Virginia	707,392	309,694	152,763	274,129	99,203	131,782	920,445	187,264
Washington	604,203	239,208	188,077	199,490	96,698	33,210	1,046,791	271,573
West Virginia	205,667	126,321	26,395	116,821	47	29,321	177,663	13,992
Wisconsin	600,434	264,472	251,286	204,560	78	85,286	956,796	265,409
Wyoming	74,823	26,750	20,244	22,514	558	1,753	71,424	10,612
Outlying areas								
American Samoa	1,516	583	1,439	6,840	0	2,965	5,807	0
Guam	—	—	—	—	—	—	—	—
Northern Marianas	79	88	75	3,327	0	230	4,784	0
Puerto Rico	195,885	34,981	49,101	231,835	0	43,518	3,868	18,645
Virgin Islands	9,073	5,348	5,279	6,848	98	1,737	4,000	0

—Not available.

[1] Includes expenditures for adult education, community colleges, private school programs funded by local and state education agencies, and community services.

[2] Includes expenditures for property and for building and alterations completed by school district staff or contractors.

[3] Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time).

[4] Includes expenditures for health, attendance, and speech pathology services.

[5] Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

NOTE: Excludes expenditures for state education agencies. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared May 2001.)

Table 163.—Total expenditures for public elementary and secondary education, by function and state: 1997–98

[In thousands]

State or other area	Total expenditures							
	Total	Current expenditures for elementary and secondary programs						
		Current expenditures for public schools	Instruction	Student support services				
				Total	Student support[4]	Instructional staff[5]	General administration	School administration
1	2	3	4	5	6	7	8	9
United States	**$334,315,020**	**$285,485,370**	**$176,521,719**	**$96,474,833**	**$14,203,217**	**$11,975,351**	**$5,870,508**	**$16,172,593**
Alabama	4,253,187	3,633,159	2,219,708	1,157,714	147,595	140,321	100,421	220,744
Alaska	1,211,263	1,092,750	621,299	434,336	55,566	64,582	59,221	66,795
Arizona	4,836,602	3,740,889	2,163,072	1,350,296	166,448	122,555	150,177	194,962
Arkansas	2,382,510	2,149,237	1,362,690	635,730	94,234	84,877	72,674	50,854
California	37,963,799	32,759,492	20,033,782	11,412,151	1,695,483	1,551,735	186,389	2,414,133
Colorado	4,702,068	3,886,872	2,247,424	1,498,236	149,679	160,538	65,429	253,594
Connecticut	5,360,422	4,763,653	3,031,206	1,504,057	255,820	149,454	92,437	262,770
Delaware	920,608	830,731	514,269	275,908	38,064	11,614	8,841	46,799
District of Columbia	717,050	647,202	283,484	339,974	76,532	62,995	25,147	35,313
Florida	15,489,121	12,737,325	7,500,075	4,606,310	624,682	740,283	142,553	790,498
Georgia	9,002,447	7,770,241	4,833,424	2,492,010	369,716	432,611	105,456	482,381
Hawaii	1,302,860	1,112,351	712,023	328,520	58,092	36,144	5,081	74,853
Idaho	1,353,036	1,153,778	717,677	385,470	62,570	38,150	32,190	68,219
Illinois	14,961,549	12,473,064	7,568,726	4,472,681	699,574	535,203	351,552	671,071
Indiana	7,565,185	6,234,563	3,897,221	2,061,399	267,544	186,098	111,595	347,453
Iowa	3,395,593	3,005,421	1,842,537	1,017,529	190,705	143,104	87,968	155,056
Kansas	2,972,972	2,684,244	1,546,598	1,002,331	148,838	113,079	103,116	178,907
Kentucky	3,759,844	3,489,205	2,133,659	1,153,036	127,885	169,656	106,624	184,275
Louisiana	4,455,609	4,029,139	2,415,114	1,279,565	158,157	170,558	97,256	220,714
Maine	1,563,869	1,433,175	964,342	417,833	43,394	41,347	27,605	81,637
Maryland	6,511,446	5,843,685	3,661,049	1,901,323	238,374	256,756	32,372	391,347
Massachusetts	7,740,557	7,381,784	4,899,352	2,240,641	361,589	236,443	157,579	325,588
Michigan	14,508,276	12,003,818	7,044,614	4,604,271	764,157	525,738	260,692	756,139
Minnesota	6,808,821	5,452,571	3,423,447	1,804,163	174,989	284,310	83,155	227,466
Mississippi	2,554,589	2,164,592	1,327,436	682,395	80,324	90,020	66,964	121,796
Missouri	5,876,065	5,067,720	3,108,316	1,740,933	226,426	207,321	154,554	306,426
Montana	1,031,934	929,197	580,901	310,256	43,318	32,795	29,410	49,601
Nebraska	1,971,715	1,743,775	1,096,002	517,114	69,940	60,614	62,252	88,761
Nevada	2,032,499	1,570,576	944,837	575,767	61,108	54,461	23,383	114,334
New Hampshire	1,369,985	1,241,255	810,097	387,656	67,414	35,991	43,292	69,502
New Jersey	13,442,330	12,056,560	7,293,294	4,398,670	959,312	343,163	355,197	645,358
New Mexico	1,966,188	1,659,891	949,678	629,290	144,256	78,689	43,734	83,791
New York	29,879,111	25,332,735	17,220,209	7,412,444	951,018	639,995	535,309	1,037,932
North Carolina	7,858,020	6,497,648	4,072,780	2,015,605	327,403	236,028	129,024	421,994
North Dakota	668,209	599,443	367,111	183,738	19,090	14,702	28,887	28,549
Ohio	13,154,497	11,448,722	6,752,805	4,267,606	583,726	623,474	282,367	671,772
Oklahoma	3,459,677	3,138,690	1,860,769	1,085,992	178,959	97,083	121,846	175,939
Oregon	3,937,825	3,474,714	2,072,977	1,281,385	180,695	142,813	71,904	227,190
Pennsylvania	15,723,939	13,084,859	8,338,422	4,261,130	600,437	437,749	382,292	581,984
Rhode Island	1,268,204	1,215,595	815,847	366,562	75,207	43,011	26,190	58,608
South Carolina	4,260,086	3,507,017	2,087,547	1,202,316	227,878	199,192	47,422	219,021
South Dakota	792,448	665,082	409,201	218,910	26,404	22,488	19,042	37,296
Tennessee	5,021,961	4,409,338	2,867,088	1,318,057	141,597	237,856	91,012	227,501
Texas	25,690,633	21,188,676	13,013,001	7,052,149	990,045	978,990	415,016	1,177,745
Utah	2,396,340	1,916,688	1,265,282	541,639	68,496	73,774	19,084	111,697
Vermont	829,696	749,786	486,174	240,947	45,209	22,998	21,559	50,023
Virginia	7,837,596	6,736,863	4,108,526	2,275,431	320,125	384,781	68,914	401,260
Washington	7,266,028	5,987,060	3,521,141	2,185,775	486,722	280,496	134,685	287,587
West Virginia	2,139,256	1,905,940	1,181,952	610,863	62,016	52,326	50,144	106,869
Wisconsin	7,442,064	6,280,696	3,966,885	2,120,618	262,941	305,274	168,152	331,842
Wyoming	705,430	603,901	366,647	216,104	33,463	21,118	13,341	36,650
Outlying areas								
American Samoa	39,536	33,088	14,030	11,307	3,871	2,169	590	1,839
Guam	168,864	168,716	88,743	65,623	17,133	2,789	1,663	8,678
Northern Marianas	58,154	56,514	43,060	7,400	82	72	6,740	0
Puerto Rico	2,021,108	1,981,603	1,385,170	383,723	61,976	28,559	17,284	0
Virgin Islands	137,378	131,315	78,688	45,864	9,012	6,937	8,411	5,246

Table 163.—Total expenditures for public elementary and secondary education, by function and state: 1997–98—Continued

[In thousands]

State or other area	Total expenditures							
	Current expenditures for elementary and secondary programs					Other current expenditures[1]	Capital outlay[2]	Interest on school debt
	Student support services			Food services	Enterprise operations[3]			
	Operation and maintenance	Student transportation	Other support services					
1	10	11	12	13	14	15	16	17
United States	**$27,952,899**	**$11,465,658**	**$8,834,605**	**$11,715,741**	**$772,077**	**$4,884,115**	**$36,168,090**	**$7,777,445**
Alabama	318,060	153,941	76,632	255,738	0	103,049	464,941	52,039
Alaska	148,134	37,752	2,285	31,919	5,195	5,203	94,036	19,273
Arizona	418,858	154,414	142,881	180,773	46,748	39,396	782,874	273,442
Arkansas	206,792	88,249	38,049	128,808	22,009	13,128	170,680	49,464
California	3,235,743	855,707	1,472,961	1,303,737	9,822	603,058	4,413,964	187,285
Colorado	385,382	116,207	367,408	131,924	9,288	23,346	625,711	166,138
Connecticut	433,559	214,915	95,102	128,477	99,913	89,769	393,420	113,580
Delaware	80,409	47,711	42,471	40,553	0	14,443	63,209	12,226
District of Columbia ...	96,131	23,219	20,636	23,744	0	3,389	59,891	6,568
Florida	1,389,206	537,922	381,166	630,939	0	428,230	1,955,197	368,369
Georgia	622,910	287,713	191,222	439,137	5,671	43,564	1,023,052	165,590
Hawaii	99,849	20,147	34,353	71,809	0	32,421	122,344	35,744
Idaho	112,222	52,709	19,410	50,631	0	3,166	165,700	30,392
Illinois	1,287,251	578,535	349,496	431,657	0	112,211	1,983,418	392,855
Indiana	672,192	337,456	139,060	275,943	0	47,385	775,837	507,401
Iowa	257,418	91,481	91,797	134,454	10,901	18,111	325,901	46,159
Kansas	288,223	110,287	59,880	135,315	0	3,200	200,487	85,041
Kentucky	315,701	177,706	71,190	202,509	0	43,038	158,000	69,602
Louisiana	347,892	215,981	69,006	283,275	51,186	17,187	310,114	99,169
Maine	134,807	64,992	24,051	50,950	50	16,677	80,035	33,983
Maryland	558,606	289,648	134,219	182,178	99,135	21,101	570,331	76,329
Massachusetts	685,180	329,775	144,487	241,792	0	74,128	143,271	141,374
Michigan	1,270,308	496,342	530,895	354,933	0	301,738	1,784,442	418,278
Minnesota	463,496	303,436	267,312	224,961	0	256,272	870,072	229,907
Mississippi	198,675	89,940	34,678	154,154	607	15,599	334,036	40,363
Missouri	492,936	274,288	78,983	218,471	0	104,760	555,460	148,126
Montana	94,555	40,637	19,941	37,045	996	6,517	84,360	11,861
Nebraska	154,335	49,410	31,801	69,726	60,933	3,006	195,257	29,676
Nevada	156,292	62,529	103,661	49,972	0	11,117	340,992	109,813
New Hampshire	105,291	55,057	11,108	43,501	0	3,255	94,624	30,851
New Jersey	1,238,018	620,482	237,140	304,207	60,389	152,276	1,048,357	185,138
New Mexico	167,977	85,709	25,135	79,755	1,168	9,276	268,449	28,573
New York	2,273,966	1,269,761	704,464	700,082	0	997,765	2,894,218	654,393
North Carolina	530,537	239,886	130,733	409,263	0	51,067	1,078,480	230,826
North Dakota	52,357	28,524	11,629	30,143	18,451	4,750	56,900	7,116
Ohio	1,087,701	293,978	724,589	425,007	3,304	351,005	1,130,198	224,572
Oklahoma	338,420	100,758	72,986	161,992	29,938	9,370	281,077	30,539
Oregon	355,994	141,770	161,018	115,007	5,345	19,112	356,105	87,894
Pennsylvania	1,300,242	605,726	352,701	465,755	19,552	309,519	1,671,199	658,362
Rhode Island	97,651	50,157	15,739	33,186	0	7,087	25,185	20,338
South Carolina	317,973	107,987	82,843	198,017	19,137	42,070	619,024	91,975
South Dakota	66,481	24,563	22,636	34,423	2,548	974	111,261	15,130
Tennessee	411,647	150,516	57,927	224,193	0	22,172	494,962	95,488
Texas	2,352,424	574,831	563,098	1,123,527	0	132,534	3,568,199	801,224
Utah	177,180	55,287	36,121	103,713	6,055	56,239	355,873	67,540
Vermont	60,668	24,899	15,591	22,024	640	2,258	63,540	14,112
Virginia	669,244	295,995	135,112	261,147	91,760	140,543	784,985	175,204
Washington	584,794	232,453	179,037	189,096	91,049	30,915	992,988	255,065
West Virginia	191,567	121,145	26,796	112,938	186	28,007	191,060	14,250
Wisconsin	576,211	258,297	217,901	193,092	101	58,227	946,518	156,623
Wyoming	71,434	24,828	15,269	21,150	0	1,488	87,855	12,185
Outlying areas								
American Samoa	868	707	1,263	7,751	0	2,831	3,617	0
Guam	20,837	7,863	6,660	10,775	3,575	56	92	0
Northern Marianas	155	291	60	3,335	2,718	450	1,190	0
Puerto Rico	196,202	36,878	42,823	212,710	0	36,454	3,051	0
Virgin Islands	5,726	5,411	5,121	6,241	522	2,336	3,727	0

[1] Includes expenditures for adult education, community colleges, private school programs funded by local and state education agencies, and community services.

[2] Includes expenditures for property and for building and alterations completed by school district staff or contractors.

[3] Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time). Also, includes small amounts for direct program support made by state education agencies for local school districts.

[4] Includes expenditures for health, attendance, and speech pathology services.

[5] Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

NOTE: Excludes expenditures for state education agencies. Revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared November 2001.)

Table 164.—Summary of expenditures for public elementary and secondary education, by purpose: 1919–20 to 1998–99

Purpose of expenditures	1919–20	1929–30	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1997–98[1]	1998–99
1	2	3	4	5	6	7	8	9	10	11
	Amounts in thousands of dollars									
Total expenditures	**$1,036,151**	**$2,316,790**	**$2,344,049**	**$5,837,643**	**$15,613,255**	**$40,683,429**	**$95,961,561**	**$212,769,564**	**$334,315,020**	**$355,859,449**
Current expenditures for public elementary and secondary education	861,120	1,843,552	1,941,799	4,687,274	12,329,389	34,217,773	86,984,142	188,229,359	285,485,370	302,873,955
Administration	36,752	78,680	91,571	220,050	528,408	1,606,646	4,263,757	[2]16,346,991	[2]22,043,102	[2]23,296,737
Instruction	632,556	1,317,727	1,403,285	3,112,340	8,350,738	23,270,158	53,257,937	[2]113,550,405	[2]176,521,719	[2]186,756,251
Plant operation	115,707	216,072	194,365	427,587	1,085,036	2,537,257	[3]9,744,785	[2]20,261,415	[2]27,952,899	[2]29,383,542
Plant maintenance	30,432	78,810	73,321	214,164	422,586	974,941	(3)	(3)	(3)	(3)
Fixed charges	9,286	50,270	50,116	261,469	909,323	3,266,920	11,793,934	—	—	—
Other school services[4]	36,387	101,993	129,141	451,663	1,033,297	2,561,856	7,923,729	[2]38,070,548	[2]58,967,650	[2]63,437,425
Other current expenditures	3,277	9,825	13,367	35,614	132,566	635,803	597,585	2,982,543	4,884,115	5,262,613
Summer schools	(5)	(5)	(5)	(5)	13,263	106,481	24,753	—	—	—
Adult education[5]	3,277	9,825	13,367	35,614	26,858	128,778	—	—	—	—
Community colleges	(5)	(5)	(5)	(5)	34,492	138,813	—	—	—	—
Community services	(4)	(4)	(4)	(4)	57,953	261,731	572,832	—	—	—
Capital outlay[6]	153,543	370,878	257,974	1,014,176	2,661,786	4,659,072	6,506,167	17,781,342	36,168,090	39,526,645
Interest on school debt	18,212	92,536	130,909	100,578	489,514	1,170,782	1,873,666	3,776,321	7,777,445	8,196,236
	Percentage distribution									
Total expenditures	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Current expenditures for public elementary and secondary education	83.1	79.6	82.8	80.3	79.0	84.1	90.6	88.5	85.4	85.1
Administration	3.5	3.4	3.9	3.8	3.4	3.9	4.4	[2]7.7	[2]6.6	[2]6.5
Instruction	61.0	56.9	59.9	53.3	53.5	57.2	55.5	[2]53.4	[2]52.8	[2]52.5
Plant operation	11.2	9.3	8.3	7.3	6.9	6.2	[3]10.2	[2]9.5	[2]8.4	[2]8.3
Plant maintenance	2.9	3.4	3.1	3.7	2.7	2.4	(3)	(3)	(3)	(3)
Fixed charges	0.9	2.2	2.1	4.5	5.8	8.0	12.3	—	—	—
Other school services[4]	3.5	4.4	5.5	7.7	6.6	6.3	8.3	17.9	17.6	17.8
Other current expenditures	0.3	0.4	0.6	0.6	0.8	1.6	0.6	1.4	1.5	1.5
Summer schools	(5)	(5)	(5)	(5)	0.1	0.3	(7)	—	—	—
Adult education[5]	0.3	0.4	0.6	0.6	0.2	0.3	—	—	—	—
Community colleges	(5)	(5)	(5)	(5)	0.2	0.3	—	—	—	—
Community services	(4)	(4)	(4)	(4)	0.4	0.6	0.6	—	—	—
Capital outlay[6]	14.8	16.0	11.0	17.4	17.0	11.5	6.8	8.4	10.8	11.1
Interest on school debt	1.8	4.0	5.6	1.7	3.1	2.9	2.0	1.8	2.3	2.3

—Not available.

[1] Revised from previously published data.

[2] Data not comparable to figures prior to 1989–90.

[3] Plant operation also includes plant maintenance.

[4] Prior to 1959–60, items included under "other school services" were listed under "auxiliary services," a more comprehensive classification that also included community services.

[5] Prior to 1959–60, data shown for adult education represent combined expenditures for adult education, summer schools, and community colleges.

[6] Prior to 1969–70, excludes capital outlay by state and local school housing authorities.

[7] Less than 0.05 percent.

NOTE: Beginning in 1959–60, includes Alaska and Hawaii. Beginning in 1989–90, state administration expenditures were excluded from both "total" and "current" expenditures. Beginning in 1989–90, extensive changes were made in the data collection procedures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems;* and Common Core of Data surveys. (This table was prepared November 2001.)

Table 165.—Total expenditures for public elementary and secondary education, by function and subfunction: 1990–91 to 1998–99

Items	Expenditures (in thousands)						Percentage distribution					
	1990–91	1994–95	1995–96	1996–97	1997–98[1]	1998–99	1990–91	1994–95	1995–96	1996–97	1997–98[1]	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13
Total expenditures	**$229,429,715**	**$279,000,318**	**$293,646,490**	**$313,151,046**	**$334,315,020**	**$355,859,449**	([2])	([2])	([2])	([2])	([2])	([2])
Current expenditures for public schools	202,037,752	243,877,582	255,106,683	270,174,298	285,485,370	302,873,955	100.00	100.00	100.00	100.00	100.00	100.00
Salaries	[3]132,730,931	158,914,976	165,806,160	175,027,817	185,562,032	196,647,794	65.70	65.16	64.99	64.78	65.00	64.93
Employee benefits	[3]33,954,456	43,107,541	44,786,697	47,114,573	48,052,788	50,190,897	16.81	17.68	17.56	17.44	16.83	16.57
Purchased services	[3]16,380,643	20,643,153	21,579,562	23,043,447	24,603,876	27,106,561	8.11	8.46	8.46	8.53	8.62	8.95
Tuition	[3]1,192,505	1,476,697	1,590,468	1,647,913	1,841,703	2,224,354	0.59	0.61	0.62	0.61	0.65	0.73
Supplies	[3]14,805,956	17,362,430	18,756,157	20,389,846	22,667,152	23,588,765	7.33	7.12	7.35	7.55	7.94	7.79
Other	[3]2,973,261	2,372,785	2,587,639	2,950,702	2,757,819	3,115,563	1.47	0.97	1.01	1.09	0.97	1.03
Instruction	122,223,362	150,556,118	157,473,978	167,148,760	176,521,719	186,756,251	60.50	61.73	61.73	61.87	61.83	61.66
Salaries	90,742,284	109,702,815	114,580,985	121,173,303	128,329,486	135,570,688	44.91	44.98	44.91	44.85	44.95	44.76
Employee benefits	22,347,524	29,190,486	30,299,566	31,977,911	32,628,651	34,033,307	11.06	11.97	11.88	11.84	11.43	11.24
Purchased services	2,722,639	3,823,789	3,825,111	4,303,176	4,856,464	5,498,994	1.35	1.57	1.50	1.59	1.70	1.82
Tuition	1,192,505	1,476,697	1,590,468	1,647,913	1,841,703	2,224,354	0.59	0.61	0.62	0.61	0.65	0.73
Supplies	4,584,754	5,764,061	6,513,488	7,132,494	8,175,671	8,593,120	2.27	2.36	2.55	2.64	2.86	2.84
Other	633,656	598,269	664,360	913,963	689,745	835,787	0.31	0.25	0.26	0.34	0.24	0.28
Student support[4]	8,926,010	11,679,127	12,266,136	13,156,181	14,203,217	15,239,907	4.42	4.79	4.81	4.87	4.98	5.03
Salaries	6,565,965	8,519,771	8,885,707	9,514,899	10,336,316	11,010,542	3.25	3.49	3.48	3.52	3.62	3.64
Employee benefits	1,660,082	2,212,775	2,307,480	2,469,665	2,540,297	2,707,433	0.82	0.91	0.90	0.91	0.89	0.89
Purchased services	455,996	657,236	687,300	786,238	869,043	1,042,862	0.23	0.27	0.27	0.29	0.30	0.34
Supplies	191,482	238,876	247,262	271,861	333,256	351,480	0.09	0.10	0.10	0.10	0.12	0.12
Other	52,485	50,469	138,387	113,518	124,305	127,590	0.03	0.02	0.05	0.04	0.04	0.04
Instructional staff services[5]	8,467,142	9,654,676	10,070,241	10,902,511	11,975,351	13,299,688	4.19	3.96	3.95	4.04	4.19	4.39
Salaries	5,560,129	6,162,669	6,418,530	6,864,925	7,473,475	8,212,069	2.75	2.53	2.52	2.54	2.62	2.71
Employee benefits	1,408,217	1,638,271	1,719,377	1,808,095	1,901,615	2,032,524	0.70	0.67	0.67	0.67	0.67	0.67
Purchased services	622,487	898,500	925,403	1,117,153	1,305,027	1,539,306	0.31	0.37	0.36	0.41	0.46	0.51
Supplies	776,863	872,394	918,189	1,019,998	1,130,937	1,294,956	0.38	0.36	0.36	0.38	0.40	0.43
Other	99,445	82,842	88,743	92,340	164,296	220,834	0.05	0.03	0.03	0.03	0.06	0.07
General administration	5,791,253	5,731,420	5,878,493	6,045,512	5,870,508	6,120,740	2.87	2.35	2.30	2.24	2.06	2.02
Salaries	2,603,562	2,808,090	2,901,172	2,964,163	2,805,887	2,928,027	1.29	1.15	1.14	1.10	0.98	0.97
Employee benefits	777,381	844,267	828,483	889,654	817,672	862,296	0.38	0.35	0.32	0.33	0.29	0.28
Purchased services	1,482,427	1,563,558	1,626,178	1,631,620	1,679,809	1,757,862	0.73	0.64	0.64	0.60	0.59	0.58
Supplies	172,898	177,448	185,831	191,821	180,464	173,157	0.09	0.07	0.07	0.07	0.06	0.06
Other	754,985	338,056	336,828	368,254	386,677	399,398	0.37	0.14	0.13	0.14	0.14	0.13
School administration	11,695,344	14,146,428	14,831,159	15,557,544	16,172,593	17,175,997	5.79	5.80	5.81	5.76	5.66	5.67
Salaries	8,935,903	10,680,024	11,156,460	11,703,253	12,230,104	13,007,594	4.42	4.38	4.37	4.33	4.28	4.29
Employee benefits	2,257,783	2,796,440	2,963,991	3,086,808	3,107,078	3,237,962	1.12	1.15	1.16	1.14	1.09	1.07
Purchased services	247,750	358,651	384,908	419,889	457,449	502,354	0.12	0.15	0.15	0.16	0.16	0.17
Supplies	189,711	243,681	256,857	280,176	298,535	335,854	0.09	0.10	0.10	0.10	0.10	0.11
Other	64,197	67,632	68,943	67,419	79,427	92,233	0.03	0.03	0.03	0.02	0.03	0.03
Operation and maintenance	21,290,655	24,542,922	25,724,062	26,837,270	27,952,899	29,383,542	10.54	10.06	10.08	9.93	9.79	9.70
Salaries	8,849,559	10,117,056	10,454,854	10,862,220	11,387,631	12,043,657	4.38	4.15	4.10	4.02	3.99	3.98
Employee benefits	2,633,075	3,027,306	3,129,632	3,225,659	3,237,453	3,356,546	1.30	1.24	1.23	1.19	1.13	1.11
Purchased services	5,721,125	7,261,776	7,698,704	7,944,475	7,758,819	8,379,725	2.83	2.98	3.02	2.94	2.72	2.77
Supplies	3,761,738	3,927,664	4,214,201	4,578,783	5,355,989	5,383,371	1.86	1.61	1.65	1.69	1.88	1.78
Other	325,157	209,120	226,670	226,132	213,007	220,242	0.16	0.09	0.09	0.08	0.07	0.07
Transportation	8,678,954	9,889,034	10,396,426	10,989,809	11,465,658	11,982,509	4.30	4.05	4.08	4.07	4.02	3.96
Salaries	3,285,127	3,775,214	3,933,969	4,133,895	4,350,345	4,571,334	1.63	1.55	1.54	1.53	1.52	1.51
Employee benefits	892,985	1,138,485	1,207,961	1,288,101	1,284,889	1,337,494	0.44	0.47	0.47	0.48	0.45	0.44
Purchased services	3,345,232	4,016,400	4,257,805	4,513,187	4,828,819	5,129,769	1.66	1.65	1.67	1.67	1.69	1.69
Supplies	961,447	800,344	836,450	879,912	872,326	830,176	0.48	0.33	0.33	0.33	0.31	0.27
Other	194,163	158,590	160,239	174,714	129,279	113,737	0.10	0.07	0.06	0.06	0.05	0.04
Other support services[6]	5,587,837	6,708,262	7,039,408	7,553,988	8,834,605	9,782,578	2.77	2.75	2.76	2.80	3.09	3.23
Salaries	2,900,394	3,286,071	3,450,836	3,662,866	4,320,146	4,762,622	1.44	1.35	1.35	1.36	1.51	1.57
Employee benefits	980,859	1,136,286	1,182,229	1,202,286	1,315,716	1,382,938	0.49	0.47	0.46	0.45	0.46	0.46
Purchased services	798,922	1,262,449	1,362,961	1,472,586	1,937,341	2,223,785	0.40	0.52	0.53	0.55	0.68	0.73
Supplies	294,527	372,852	398,534	448,945	517,132	540,694	0.15	0.15	0.16	0.17	0.18	0.18
Other	613,135	650,604	644,849	767,305	744,270	872,539	0.30	0.27	0.25	0.28	0.26	0.29
Food services	8,430,490	10,268,542	10,648,844	11,268,577	11,716,741	12,262,012	4.17	4.21	4.17	4.17	4.10	4.05
Salaries	—	3,697,705	3,844,285	3,975,765	4,134,433	4,351,776	—	1.52	1.51	1.47	1.45	1.44
Employee benefits	—	1,081,221	1,103,433	1,133,363	1,182,427	1,205,887	—	0.44	0.43	0.42	0.41	0.40
Purchased services	—	629,266	627,902	694,803	744,078	824,230	—	0.26	0.25	0.26	0.26	0.27
Supplies	—	4,718,569	4,916,299	5,324,747	5,517,283	5,748,950	—	1.93	1.93	1.97	1.93	1.90
Other	—	141,782	156,924	139,900	138,520	131,169	—	0.06	0.06	0.05	0.05	0.04
Enterprise operations[7]	946,705	701,053	777,937	714,144	772,077	870,731	0.47	0.29	0.30	0.26	0.27	0.29
Salaries	—	165,562	179,360	172,528	194,208	189,484	—	0.07	0.07	0.06	0.07	0.06
Employee benefits	—	42,003	44,545	33,030	36,990	34,509	—	0.02	0.02	0.01	0.01	0.01
Purchased services	—	171,526	183,288	160,320	167,026	207,675	—	0.07	0.07	0.06	0.06	0.07
Supplies	—	246,541	269,046	261,109	285,560	337,028	—	0.10	0.11	0.10	0.10	0.11
Other	—	75,420	101,697	87,157	88,293	102,034	—	0.03	0.04	0.03	0.03	0.03
Other current expenditures	3,295,717	5,148,505	4,724,659	4,649,138	4,884,115	5,262,613	([2])	([2])	([2])	([2])	([2])	([2])
Community services	964,370	1,933,565	1,728,669	1,607,666	1,782,128	1,938,958	([2])	([2])	([2])	([2])	([2])	([2])
Private school programs	527,609	569,851	781,148	829,983	854,641	919,716	([2])	([2])	([2])	([2])	([2])	([2])
Adult education	1,365,523	1,460,149	1,500,438	1,457,779	1,487,927	1,589,147	([2])	([2])	([2])	([2])	([2])	([2])
Community colleges	5,356	83,573	7,746	8,290	144	176	([2])	([2])	([2])	([2])	([2])	([2])
Other	432,858	1,101,367	706,657	745,420	759,275	814,616	([2])	([2])	([2])	([2])	([2])	([2])
Capital outlay[8]	19,771,478	24,456,100	27,555,667	31,429,074	36,168,090	39,526,645	([2])	([2])	([2])	([2])	([2])	([2])
Interest on school debt	4,324,768	5,518,131	6,259,480	6,898,536	7,777,445	8,196,236	([2])	([2])	([2])	([2])	([2])	([2])

—Not available

[1] Some data have been revised from previously published figures.

[2] Not applicable

[3] Includes estimated data for subfunctions of food services and enterprise operations.

[4] Includes expenditures for guidance, health, attendance, and speech pathology services.

[5] Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

[6] Includes business support services concerned with paying, transporting, exchanging, and maintaining goods and services for local education agencies; central support services, including planning, research, evaluation, information, staff, and data processing services; and other support services.

[7] Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time). Includes very small amounts for direct program support made by state education agencies for local school districts.

[8] Includes expenditures for property, and for buildings and alterations completed by school district staff or contractors.

NOTE: Excludes expenditures for state education agencies. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared November 2001.)

Table 166.—Expenditures for instruction in public elementary and secondary schools, by subfunction and state: 1997–98 and 1998–99

[In thousands]

State or other area	1997–98 [1]						1998–99					
	Total	Salaries	Employee benefits	Purchased services [2]	Supplies	Tuition and other	Total	Salaries	Employee benefits	Purchased services [2]	Supplies	Tuition and other
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**$176,521,719**	**$128,329,486**	**$32,628,651**	**$4,856,464**	**$8,175,671**	**$2,531,448**	**$186,756,251**	**$135,570,688**	**$34,033,307**	**$5,498,994**	**$8,593,120**	**$3,060,142**
Alabama	2,219,708	1,619,273	403,385	36,273	153,106	7,671	2,400,979	1,826,339	362,776	50,303	150,818	10,742
Alaska	621,299	437,680	111,020	22,222	29,530	20,847	643,949	438,500	119,980	25,273	33,856	26,340
Arizona	2,163,072	1,782,425	277,108	22,593	40,375	40,572	2,380,620	1,705,675	298,811	37,387	42,473	296,274
Arkansas	1,362,690	1,021,738	239,117	26,685	66,146	9,005	1,436,486	1,088,391	245,305	27,292	66,116	9,383
California	20,033,782	14,167,958	3,865,786	611,903	968,731	419,405	20,972,433	15,327,989	3,496,465	732,636	958,488	456,855
Colorado	2,247,424	1,686,162	313,782	58,181	141,002	48,296	2,410,400	1,786,895	323,137	44,076	154,337	101,955
Connecticut	3,031,206	2,193,508	516,912	71,878	85,068	163,840	3,225,862	2,302,192	555,164	89,154	97,713	181,638
Delaware	514,269	346,624	116,540	11,889	28,099	11,116	534,174	367,553	113,047	13,052	27,233	13,289
District of Columbia	283,484	238,180	21,449	1,706	15,894	6,255	314,468	240,489	36,458	4,022	19,237	14,263
Florida	7,500,075	4,925,952	1,622,981	558,360	319,133	73,650	7,925,242	5,213,385	1,670,278	596,028	373,103	72,447
Georgia	4,833,424	3,577,240	973,041	50,941	227,041	5,162	5,339,447	3,956,375	1,074,712	58,676	243,559	6,125
Hawaii	712,023	489,234	162,221	20,399	38,042	2,126	718,107	531,298	134,127	21,955	28,289	2,437
Idaho	717,677	511,439	146,180	16,199	43,360	500	767,909	543,896	152,093	18,833	52,437	651
Illinois	7,568,726	5,701,654	1,171,996	228,118	326,477	140,481	8,240,926	6,107,325	1,373,171	250,251	356,895	153,284
Indiana	3,897,221	2,752,589	954,189	46,951	136,769	6,723	4,183,169	2,879,356	1,111,766	50,395	135,434	6,217
Iowa	1,842,537	1,320,588	319,745	55,512	118,322	28,370	1,828,805	1,367,287	331,037	40,609	71,504	18,368
Kansas	1,546,598	1,212,975	218,725	29,437	77,804	7,656	1,632,547	1,287,017	230,970	25,281	81,148	8,130
Kentucky	2,133,659	1,609,000	384,155	40,341	90,586	9,577	2,249,562	1,705,386	389,662	44,012	100,066	10,436
Louisiana	2,415,114	1,766,451	477,122	33,796	132,596	5,150	2,576,840	1,874,022	511,994	36,619	150,072	4,134
Maine	964,342	634,910	215,522	32,452	31,559	49,899	1,015,728	664,364	227,272	37,122	33,946	53,024
Maryland	3,661,049	2,455,991	865,351	79,498	110,953	149,257	3,791,102	2,554,767	857,653	82,328	126,535	169,818
Massachusetts	4,899,352	3,301,154	876,602	384,022	152,010	185,564	5,295,485	3,542,334	940,814	455,084	160,049	197,205
Michigan	7,044,614	4,950,039	1,611,958	146,707	295,323	40,587	7,432,224	5,208,818	1,665,960	190,415	324,976	42,055
Minnesota	3,423,447	2,558,078	618,012	97,466	125,209	24,683	3,647,489	2,725,895	639,417	118,625	137,733	25,819
Mississippi	1,327,436	977,570	234,123	23,325	85,614	6,804	1,384,027	1,021,216	242,752	26,709	85,729	7,620
Missouri	3,108,316	2,350,141	429,395	70,767	248,116	9,896	3,293,321	2,483,246	459,945	79,659	258,828	11,644
Montana	580,901	414,316	109,929	16,993	37,056	2,606	597,772	426,127	111,694	18,141	39,408	2,402
Nebraska	1,096,002	812,701	193,173	24,120	43,200	22,808	1,145,752	837,559	203,535	29,488	47,335	27,834
Nevada	944,837	699,627	193,498	8,901	41,507	1,303	1,040,680	762,628	215,977	13,446	46,887	1,741
New Hampshire	810,097	583,864	120,741	22,671	27,220	55,602	858,974	612,662	127,787	26,836	28,130	63,560
New Jersey	7,293,294	5,441,938	1,097,755	68,433	291,355	393,813	7,705,505	5,443,770	1,459,390	77,072	291,762	433,511
New Mexico	949,678	698,520	173,606	16,137	61,188	226	1,015,367	752,588	184,140	17,282	61,157	201
New York	17,220,209	12,847,148	3,437,705	445,072	487,425	2,859	18,227,087	13,656,424	3,537,953	511,968	517,733	3,009
North Carolina	4,072,780	3,062,158	714,753	71,913	219,690	4,267	4,458,396	3,386,533	753,989	77,116	236,910	3,847
North Dakota	367,111	265,559	70,332	10,827	17,745	2,648	382,138	275,649	72,370	11,638	19,468	3,013
Ohio	6,752,805	4,926,994	1,276,454	144,044	305,682	99,631	7,198,914	5,178,270	1,376,472	169,726	336,077	138,369
Oklahoma	1,860,769	1,339,600	328,419	35,636	144,707	12,407	2,000,616	1,440,562	325,114	50,583	172,909	11,447
Oregon	2,072,977	1,392,312	460,913	84,291	118,289	17,172	2,195,694	1,429,889	490,771	120,429	136,365	18,240
Pennsylvania	8,338,422	5,976,297	1,683,304	287,549	276,356	114,916	8,575,108	6,205,356	1,628,216	311,648	306,662	123,226
Rhode Island	815,847	573,429	177,355	18,586	19,265	27,212	851,859	601,340	177,242	22,380	20,986	29,911
South Carolina	2,087,547	1,553,530	374,287	33,276	101,518	24,936	2,242,844	1,652,753	403,978	43,587	115,097	27,428
South Dakota	409,201	296,637	65,385	13,523	24,973	8,683	424,211	305,161	66,126	18,100	28,345	6,479
Tennessee	2,867,088	2,085,760	411,565	46,889	316,031	6,844	3,032,953	2,188,784	479,007	49,196	307,980	7,986
Texas	13,013,001	10,255,001	1,336,755	365,176	931,035	125,034	13,571,196	10,708,524	1,422,926	383,827	919,530	136,388
Utah	1,265,282	864,858	302,586	27,921	60,442	9,476	1,328,807	906,680	322,064	27,930	65,157	6,977
Vermont	486,174	341,020	81,461	21,758	15,986	25,949	512,432	358,295	85,990	22,745	18,036	27,366
Virginia	4,108,526	3,039,035	813,721	67,618	182,822	5,331	4,340,680	3,205,919	877,515	60,407	192,772	4,067
Washington	3,521,141	2,473,464	718,747	138,166	161,098	29,666	3,646,974	2,528,413	745,395	155,780	186,227	31,158
West Virginia	1,181,952	811,348	318,935	14,828	36,485	357	1,230,925	836,669	328,141	16,431	49,381	302
Wisconsin	3,966,885	2,725,570	947,426	81,183	149,796	62,911	4,138,977	2,844,762	992,455	94,025	157,523	50,211
Wyoming	366,647	260,248	73,429	13,333	17,934	1,703	391,091	275,360	80,293	13,416	20,709	1,313
Outlying areas												
American Samoa	14,030	10,577	2,045	364	783	261	15,014	10,599	2,049	625	1,454	286
Guam	88,743	73,179	15,408	2	141	13	—	—	—	—	—	—
Northern Marianas	43,060	29,233	7,957	2,648	3,167	55	40,667	29,473	7,867	2,064	1,206	57
Puerto Rico	1,385,170	1,157,938	154,123	6,130	18,594	48,386	1,386,049	1,124,301	154,021	6,808	36,998	63,921
Virgin Islands	78,688	60,833	15,292	629	903	1,030	89,700	69,083	18,114	617	1,246	639

—Not available.

[1] Some data have been revised from previously published figures.

[2] Includes purchased professional services of teachers or others who provide instruction for students and travel for instructional staff.

NOTE: Excludes expenditures for state education agencies. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared November 2001.)

Table 167.—Total and current expenditure per pupil in public elementary and secondary schools: 1919–20 to 2000–01

School year	Expenditure per pupil in average daily attendance				Expenditure per pupil in fall enrollment[1]				
	Unadjusted dollars		Constant 2000–01 dollars[2]		Unadjusted dollars		Constant 2000–01 dollars[2]		
	Total expenditure	Current expenditure	Total expenditure	Current expenditure	Total expenditure	Current expenditure	Total expenditure	Current expenditure	Annual percent change in current expenditure
1	2	3	4	5	6	7	8	9	10
1919–20	$64	$53	$588	$490	$48	$40	$440	$367	—
1929–30	108	87	1,110	887	90	72	919	734	—
1931–32	97	81	1,176	985	82	69	996	834	—
1933–34	76	67	1,008	892	65	57	856	758	—
1935–36	88	74	1,121	947	74	63	948	801	—
1937–38	100	84	1,219	1,025	86	72	1,046	880	—
1939–40	106	88	1,325	1,104	92	76	1,148	957	—
1941–42	110	98	1,236	1,104	94	84	1,058	945	—
1943–44	125	117	1,253	1,176	105	99	1,056	990	—
1945–46	146	136	1,400	1,309	124	116	1,193	1,115	—
1947–48	205	181	1,539	1,364	179	158	1,344	1,191	—
1949–50	260	210	1,925	1,555	231	187	1,708	1,380	—
1951–52	314	246	2,095	1,639	275	215	1,834	1,435	—
1953–54	351	265	2,285	1,724	312	236	2,032	1,533	—
1955–56	387	294	2,521	1,916	354	269	2,304	1,752	—
1957–58	447	341	2,743	2,092	408	311	2,502	1,908	—
1959–60	471	375	2,807	2,235	440	350	2,622	2,088	—
1961–62	517	419	3,012	2,441	485	393	2,827	2,290	—
1963–64	559	460	3,172	2,613	520	428	2,952	2,432	—
1965–66	654	538	3,588	2,951	607	499	3,331	2,739	—
1967–68	786	658	4,049	3,389	732	612	3,767	3,153	—
1969–70	955	816	4,427	3,782	879	751	4,075	3,482	—
1970–71	1,049	911	4,626	4,016	970	842	4,276	3,713	6.6
1971–72	1,128	990	4,799	4,211	1,034	908	4,401	3,862	4.0
1972–73	1,211	1,077	4,952	4,405	1,117	993	4,567	4,063	5.2
1973–74	1,364	1,207	5,122	4,533	1,244	1,101	4,670	4,134	1.7
1974–75	1,545	1,365	5,222	4,613	1,423	1,257	4,811	4,250	2.8
1975–76	1,697	1,504	5,359	4,747	1,563	1,385	4,934	4,371	2.9
1976–77	1,816	1,638	5,418	4,885	1,674	1,509	4,993	4,502	3.0
1977–78	2,002	1,823	5,598	5,096	1,842	1,677	5,148	4,687	4.1
1978–79	2,210	2,020	5,649	5,164	2,029	1,855	5,187	4,743	1.2
1979–80	2,491	2,272	5,617	5,124	2,290	2,088	5,164	4,710	–0.7
1980–81	[3]2,742	2,502	[3]5,543	5,056	[3]2,529	2,307	[3]5,113	4,664	-1.0
1981–82	[3]2,973	2,726	[3]5,532	5,071	[3]2,754	2,525	[3]5,125	4,698	0.7
1982–83	[3]3,203	2,955	[3]5,715	5,272	[3]2,966	2,736	[3]5,291	4,882	3.9
1983–84	[3]3,471	3,173	[3]5,971	5,459	[3]3,216	2,940	[3]5,532	5,057	3.6
1984–85	[3]3,722	3,470	[3]6,161	5,745	[3]3,456	3,222	[3]5,721	5,334	5.5
1985–86	[3]4,020	3,756	[3]6,468	6,043	[3]3,724	3,479	[3]5,992	5,599	5.0
1986–87	[3]4,308	3,970	[3]6,781	6,250	[3]3,995	3,682	[3]6,288	5,796	3.5
1987–88	[3]4,654	4,240	[3]7,034	6,409	[3]4,310	3,927	[3]6,514	5,935	2.4
1988–89	5,109	4,645	7,382	6,710	4,738	4,307	6,845	6,223	4.8
1989–90	5,550	4,980	7,653	6,867	5,174	4,643	7,135	6,402	2.9
1990–91	5,885	5,258	7,694	6,874	5,486	4,902	7,173	6,409	0.1
1991–92	6,074	5,421	7,695	6,868	5,629	5,023	7,131	6,364	–0.7
1992–93	6,281	5,584	7,717	6,860	5,804	5,160	7,130	6,338	–0.4
1993–94	6,492	5,767	7,774	6,906	5,996	5,327	7,180	6,379	0.6
1994–95	6,725	5,989	7,829	6,972	6,208	5,529	7,227	6,436	0.9
1995–96	6,962	6,147	7,890	6,966	6,443	5,689	7,302	6,447	0.2
1996–97	7,300	6,393	8,043	7,044	6,764	5,923	7,453	6,527	1.2
1997–98	7,703	6,676	8,339	7,227	7,142	6,189	7,731	6,700	2.7
1998–99	8,118	7,013	8,639	7,463	7,533	6,508	8,016	6,925	3.4
1999–2000[3]	8,496	7,340	8,787	7,591	7,885	6,811	8,155	7,045	1.7
2000–01[3]	8,830	7,628	8,830	7,628	8,194	7,079	8,194	7,079	0.5

—Not available.

[1] Data for 1919–20 to 1953–54 are based on school-year enrollment.

[2] Based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

[3] Estimated.

NOTE: Beginning in 1980–81, state administration expenditures are excluded from both "total" and "current" expenditures. Beginning in 1988–89, extensive changes were made in the data collection procedures. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education;* and Common Core of Data surveys. (This table was prepared November 2001.)

Table 168.—Current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state: 1959–60 to 1998–99

State or other area	Unadjusted dollars													
	1959–60	1969–70	1979–80	1980–81	1985–86	1989–90	1990–91	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	**$375**	**$816**	**$2,272**	**$2,502**	**$3,756**	**$4,980**	**$5,258**	**$5,584**	**$5,767**	**$5,989**	**$6,147**	**$6,393**	**$6,676**	**$7,013**
Alabama	241	544	1,612	1,985	2,565	3,327	3,627	3,761	4,037	4,405	4,716	4,903	5,166	5,512
Alaska	546	1,123	4,728	5,688	8,304	8,431	8,330	8,735	8,882	8,963	9,012	9,097	9,074	9,209
Arizona	404	720	1,971	2,258	3,336	4,053	4,309	4,510	4,611	4,778	4,860	4,940	5,122	5,235
Arkansas	225	568	1,574	1,701	2,658	3,485	3,700	4,124	4,280	4,459	4,710	4,840	4,999	5,193
California	[2]424	867	2,268	2,475	3,543	4,391	4,491	4,780	4,921	4,992	5,108	5,414	5,795	6,045
Colorado	396	738	2,421	2,693	3,975	4,720	5,064	5,139	5,097	5,443	5,521	5,728	6,099	6,386
Connecticut	436	951	2,420	2,876	4,743	7,837	7,853	7,973	8,473	8,817	8,817	8,901	9,218	9,620
Delaware	456	900	2,861	3,018	4,610	5,799	5,974	6,274	6,621	7,030	7,267	7,804	7,963	8,336
District of Columbia	431	1,018	3,259	3,441	5,337	8,955	9,377	9,419	10,180	9,335	9,565	9,019	9,225	10,611
Florida	318	732	1,889	2,401	3,529	4,997	5,276	5,314	5,516	5,718	5,894	5,986	6,183	6,443
Georgia	253	588	1,625	1,708	2,966	4,275	4,466	4,686	4,915	5,193	5,377	5,708	6,059	6,534
Hawaii	325	841	2,322	2,604	3,807	4,448	5,166	5,704	5,879	6,078	6,051	6,144	6,409	6,648
Idaho	290	603	1,659	1,856	2,484	3,078	3,386	3,690	3,844	4,210	4,465	4,732	5,012	5,379
Illinois	438	909	2,587	2,704	3,781	5,118	5,520	5,898	5,893	6,136	6,128	6,557	7,111	7,676
Indiana	369	728	1,882	2,010	3,275	4,606	4,930	5,344	5,630	5,826	6,040	6,605	6,786	7,249
Iowa	368	844	2,326	2,668	3,619	4,453	4,679	5,257	5,288	5,483	5,772	6,047	6,295	6,548
Kansas	348	771	2,173	2,559	3,829	4,752	4,874	5,442	5,659	5,817	5,971	6,158	6,406	6,708
Kentucky	233	545	1,701	1,784	2,486	3,745	4,354	4,872	5,107	5,217	5,545	5,929	6,125	6,412
Louisiana	372	648	1,792	2,469	3,187	3,903	4,196	4,428	4,519	4,761	4,988	5,201	5,644	6,019
Maine	283	692	1,824	1,934	3,472	5,373	5,458	6,073	6,069	6,428	6,546	6,880	7,238	7,688
Maryland	393	918	2,598	2,914	4,447	6,275	6,654	6,813	6,958	7,245	7,382	7,543	7,812	7,865
Massachusetts	409	859	2,819	2,940	4,562	6,237	6,366	6,627	6,959	7,287	7,613	7,818	8,299	8,750
Michigan	415	904	2,640	3,037	4,176	5,546	5,883	6,494	6,658	6,994	7,166	7,568	7,717	8,142
Minnesota	425	904	2,387	2,673	3,941	4,971	5,239	5,554	5,720	6,000	6,162	6,371	6,795	7,159
Mississippi	206	501	1,664	1,605	2,362	3,094	3,187	3,382	3,660	4,080	4,250	4,312	4,575	4,871
Missouri	344	709	1,936	2,172	3,189	4,507	4,754	4,885	5,114	5,383	5,626	5,823	6,096	6,393
Montana	411	782	2,476	2,683	4,091	4,736	5,204	5,425	5,598	5,692	5,847	6,112	6,448	6,768
Nebraska	337	736	2,150	2,384	3,634	4,842	5,038	5,336	5,651	5,935	6,083	6,472	6,584	6,856
Nevada	430	769	2,088	2,078	3,440	4,117	4,653	5,066	5,052	5,160	5,320	5,541	5,758	5,934
New Hampshire	347	723	1,916	2,265	3,542	5,304	5,685	5,644	5,723	5,859	5,958	6,236	6,487	6,780
New Jersey	388	1,016	3,191	3,254	5,570	8,139	8,756	9,415	9,677	9,774	9,955	10,211	10,233	10,748
New Mexico	363	707	2,034	2,329	3,195	3,515	3,895	4,071	4,261	4,577	4,587	4,674	4,984	5,363
New York	562	1,327	3,462	3,741	6,011	8,062	8,565	8,902	9,175	9,623	9,549	9,658	9,970	10,514
North Carolina	237	612	1,754	2,001	2,948	4,290	4,548	4,763	4,894	5,077	5,090	5,315	5,667	6,088
North Dakota	367	690	1,920	2,275	3,483	4,189	4,199	4,597	4,674	4,795	4,979	5,198	5,353	5,820
Ohio	365	730	2,075	2,303	3,527	5,045	5,245	5,754	5,971	6,162	6,266	6,517	6,808	7,295
Oklahoma	311	604	1,926	2,199	3,146	3,508	3,843	4,355	4,734	4,845	4,881	5,150	5,389	5,684
Oregon	448	925	2,692	3,100	4,141	5,474	5,683	6,296	6,263	6,436	6,615	6,792	7,348	7,787
Pennsylvania	409	882	2,535	2,824	4,325	6,228	6,541	6,890	6,983	7,109	7,492	7,686	7,777	8,026
Rhode Island	413	891	2,601	2,927	4,667	6,368	6,343	6,938	7,333	7,715	7,936	8,307	8,627	9,049
South Carolina	220	613	1,752	1,734	3,058	4,082	4,352	4,624	4,761	4,797	5,096	5,371	5,643	6,003
South Dakota	347	690	1,908	1,991	3,051	3,731	3,965	4,357	4,586	4,775	4,780	4,936	5,281	5,613
Tennessee	238	566	1,635	1,794	2,612	3,664	3,782	3,993	4,149	4,388	4,548	5,011	5,274	5,521
Texas	332	624	1,916	2,006	3,298	4,150	4,438	4,670	4,898	5,222	5,473	5,736	5,910	6,161
Utah	322	626	1,657	1,819	2,390	2,764	2,960	3,180	3,439	3,656	3,867	4,045	4,256	4,478
Vermont	344	807	1,997	2,475	4,031	6,227	6,738	6,411	6,600	6,750	6,837	7,171	7,500	7,984
Virginia	274	708	1,970	2,179	3,520	4,672	4,902	4,980	5,109	5,327	5,433	5,677	5,936	6,129
Washington	420	915	2,568	2,542	3,881	4,702	5,000	5,614	5,751	5,906	6,074	6,182	6,535	6,595
West Virginia	258	670	1,920	2,146	3,528	4,360	4,911	5,527	5,713	6,107	6,325	6,519	6,779	7,176
Wisconsin	413	883	2,477	2,738	4,168	5,524	5,871	6,475	6,717	6,930	7,094	7,398	7,680	8,062
Wyoming	450	856	2,527	2,967	5,114	5,577	5,638	5,822	5,899	6,160	6,243	6,448	6,718	7,393
Outlying areas														
American Samoa	—	—	—	—	1,387	1,908	2,033	1,670	1,785	2,046	2,159	2,393	2,243	2,354
Guam	236	820	—	—	3,383	4,234	4,596	5,309	5,071	5,080	4,947	5,124	5,286	—
Northern Marianas	—	—	—	—	2,552	3,007	4,425	5,288	4,510	6,123	5,863	6,827	7,016	5,973
Puerto Rico	106	—	—	—	1,325	1,750	1,913	2,364	2,312	2,742	3,039	3,229	3,648	3,771
Virgin Islands	271	—	—	—	3,223	6,767	6,002	5,843	5,915	6,003	6,155	6,274	6,758	7,714

Table 168.—Current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state: 1959–60 to 1998–99—Continued

State or other area	In constant 1998–99 dollars[1]													
	1959–60	1969–70	1979–80	1980–81	1985–86	1989–90	1990–91	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
1	16	17	18	19	20	21	22	23	24	25	26	27	28	29
United States	**$2,101**	**$3,554**	**$4,815**	**$4,752**	**$5,679**	**$6,453**	**$6,460**	**$6,446**	**$6,490**	**$6,552**	**$6,546**	**$6,619**	**$6,791**	**$7,013**
Alabama	1,350	2,369	3,416	3,770	3,878	4,312	4,456	4,342	4,542	4,819	5,023	5,077	5,255	5,512
Alaska	3,059	4,890	10,020	10,805	12,556	10,926	10,235	10,084	9,995	9,805	9,598	9,420	9,232	9,209
Arizona	2,260	3,137	4,177	4,290	5,045	5,252	5,294	5,206	5,188	5,227	5,176	5,115	5,211	5,235
Arkansas	1,261	2,472	3,337	3,231	4,019	4,516	4,546	4,761	4,817	4,877	5,016	5,012	5,085	5,193
California	[2]2,374	3,777	4,806	4,701	5,358	5,690	5,518	5,519	5,538	5,461	5,440	5,606	5,896	6,045
Colorado	2,218	3,214	5,131	5,115	6,010	6,117	6,222	5,933	5,736	5,954	5,880	5,931	6,205	6,386
Connecticut	2,442	4,143	5,129	5,462	7,172	10,156	9,649	9,205	9,534	9,645	9,390	9,217	9,378	9,620
Delaware	2,552	3,921	6,064	5,733	6,971	7,514	7,340	7,243	7,451	7,690	7,739	8,081	8,101	8,336
District of Columbia	2,414	4,436	6,907	6,536	8,070	11,604	11,522	10,875	11,456	10,212	10,186	9,339	9,384	10,611
Florida	1,779	3,190	4,004	4,561	5,337	6,476	6,483	6,135	6,207	6,255	6,277	6,198	6,290	6,443
Georgia	1,419	2,561	3,445	3,245	4,485	5,539	5,487	5,409	5,531	5,681	5,727	5,910	6,164	6,534
Hawaii	1,817	3,661	4,921	4,946	5,756	5,765	6,348	6,586	6,616	6,649	6,445	6,361	6,520	6,648
Idaho	1,622	2,628	3,517	3,525	3,755	3,988	4,161	4,260	4,326	4,605	4,755	4,900	5,099	5,379
Illinois	2,455	3,961	5,482	5,136	5,718	6,632	6,783	6,810	6,632	6,712	6,527	6,790	7,235	7,676
Indiana	2,065	3,171	3,990	3,818	4,953	5,969	6,058	6,170	6,336	6,374	6,433	6,839	6,903	7,249
Iowa	2,059	3,677	4,931	5,067	5,473	5,770	5,749	6,069	5,951	5,998	6,147	6,262	6,404	6,548
Kansas	1,947	3,358	4,606	4,861	5,790	6,157	5,989	6,283	6,369	6,364	6,359	6,377	6,517	6,708
Kentucky	1,305	2,375	3,605	3,388	3,759	4,853	5,349	5,625	5,747	5,707	5,906	6,139	6,231	6,412
Louisiana	2,083	2,823	3,798	4,691	4,819	5,058	5,156	5,112	5,086	5,208	5,312	5,385	5,741	6,019
Maine	1,583	3,016	3,865	3,673	5,250	6,963	6,706	7,011	6,829	7,032	6,971	7,123	7,363	7,688
Maryland	2,199	4,000	5,506	5,534	6,724	8,132	8,175	7,865	7,830	7,926	7,862	7,811	7,947	7,865
Massachusetts	2,290	3,742	5,975	5,584	6,899	8,082	7,822	7,651	7,832	7,972	8,108	8,095	8,443	8,750
Michigan	2,325	3,937	5,596	5,768	6,314	7,187	7,228	7,498	7,493	7,652	7,631	7,836	7,851	8,142
Minnesota	2,381	3,936	5,059	5,078	5,958	6,441	6,437	6,412	6,436	6,563	6,563	6,597	6,912	7,159
Mississippi	1,153	2,182	3,526	3,050	3,571	4,009	3,915	3,905	4,119	4,463	4,526	4,465	4,654	4,871
Missouri	1,926	3,086	4,104	4,126	4,822	5,840	5,841	5,640	5,755	5,889	5,992	6,029	6,202	6,393
Montana	2,300	3,406	5,249	5,097	6,185	6,138	6,394	6,264	6,299	6,227	6,227	6,328	6,560	6,768
Nebraska	1,887	3,208	4,557	4,529	5,495	6,274	6,190	6,161	6,359	6,493	6,478	6,701	6,698	6,856
Nevada	2,410	3,352	4,426	3,947	5,202	5,335	5,717	5,848	5,685	5,645	5,666	5,737	5,857	5,934
New Hampshire	1,945	3,149	4,061	4,303	5,355	6,873	6,985	6,516	6,441	6,409	6,345	6,457	6,600	6,780
New Jersey	2,170	4,426	6,764	6,181	8,422	10,547	10,759	10,870	10,890	10,693	10,602	10,573	10,410	10,748
New Mexico	2,031	3,080	4,310	4,425	4,831	4,555	4,785	4,700	4,795	5,008	4,885	4,839	5,070	5,363
New York	3,145	5,779	7,338	7,107	9,089	10,447	10,523	10,278	10,325	10,528	10,170	10,000	10,142	10,514
North Carolina	1,329	2,667	3,718	3,801	4,458	5,559	5,588	5,499	5,508	5,554	5,421	5,504	5,765	6,088
North Dakota	2,053	3,004	4,070	4,320	5,267	5,429	5,159	5,307	5,259	5,245	5,303	5,382	5,446	5,820
Ohio	2,044	3,180	4,397	4,375	5,333	6,537	6,444	6,643	6,719	6,741	6,673	6,748	6,925	7,295
Oklahoma	1,744	2,633	4,083	4,176	4,757	4,546	4,722	5,028	5,327	5,301	5,198	5,333	5,482	5,684
Oregon	2,511	4,028	5,705	5,888	6,261	7,094	6,983	7,269	7,048	7,041	7,045	7,033	7,475	7,787
Pennsylvania	2,293	3,841	5,372	5,364	6,540	8,071	8,037	7,954	7,858	7,777	7,978	7,958	7,911	8,026
Rhode Island	2,315	3,882	5,513	5,559	7,058	8,252	7,793	8,010	8,252	8,440	8,452	8,601	8,776	9,049
South Carolina	1,232	2,668	3,713	3,294	4,624	5,289	5,347	5,338	5,358	5,248	5,427	5,562	5,740	6,003
South Dakota	1,942	3,005	4,043	3,782	4,613	4,835	4,871	5,030	5,160	5,224	5,090	5,111	5,372	5,613
Tennessee	1,333	2,466	3,466	3,407	3,950	4,748	4,646	4,610	4,669	4,800	4,843	5,188	5,365	5,521
Texas	1,861	2,719	4,060	3,810	4,987	5,378	5,453	5,392	5,512	5,713	5,829	5,939	6,012	6,161
Utah	1,806	2,728	3,511	3,455	3,614	3,581	3,636	3,671	3,870	3,999	4,119	4,189	4,329	4,478
Vermont	1,926	3,516	4,233	4,700	6,095	8,069	8,279	7,401	7,427	7,384	7,282	7,425	7,630	7,984
Virginia	1,536	3,083	4,175	4,139	5,323	6,054	6,023	5,749	5,749	5,827	5,786	5,879	6,039	6,129
Washington	2,354	3,987	5,443	4,829	5,869	6,093	6,143	6,481	6,471	6,461	6,469	6,401	6,648	6,595
West Virginia	1,447	2,918	4,070	4,076	5,335	5,651	6,034	6,381	6,429	6,681	6,736	6,751	6,897	7,176
Wisconsin	2,313	3,845	5,250	5,201	6,302	7,158	7,214	7,476	7,559	7,582	7,555	7,660	7,813	8,062
Wyoming	2,522	3,728	5,355	5,636	7,733	7,227	6,927	6,722	6,638	6,739	6,649	6,677	6,834	7,393
Outlying areas														
American Samoa	—	—	—	—	2,097	2,472	2,498	1,928	2,009	2,238	2,299	2,478	2,282	2,354
Guam	1,324	3,570	—	—	5,115	5,487	5,647	6,129	5,706	5,557	5,269	5,306	5,378	—
Northern Marianas	—	—	—	—	3,858	3,897	5,436	6,105	5,075	6,698	6,244	7,069	7,137	5,973
Puerto Rico	595	—	—	—	2,003	2,268	2,350	2,729	2,602	3,000	3,236	3,344	3,711	3,771
Virgin Islands	1,516	—	—	—	4,874	8,770	7,375	6,746	6,656	6,567	6,555	6,497	6,875	7,714

—Not available.

[1] Based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis. These data do not reflect differences in inflation rates from state to state.

[2] Estimated by the National Center for Education Statistics.

NOTE: Beginning in 1980–81, state administration expenditures are excluded. Beginning in 1988–89, extensive changes were made in the data collection procedures. There are discrepancies in average daily attendance reporting practices from state to state. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems;* and Common Core of Data surveys. (This table was prepared November 2001.)

Table 169.—Current expenditure per pupil in fall enrollment in public elementary and secondary schools, by state: 1969–70 to 1998–99

State or other area	Unadjusted dollars													
	1969–70	1979–80	1980–81	1985–86	1988–89	1989–90	1990–91	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	**$751**	**$2,088**	**$2,307**	**$3,479**	**$4,307**	**$4,643**	**$4,902**	**$5,160**	**$5,327**	**$5,529**	**$5,689**	**$5,923**	**$6,189**	**$6,508**
Alabama	512	1,520	1,836	2,411	3,019	3,144	3,429	3,568	3,826	4,109	4,343	4,595	4,849	5,188
Alaska	1,059	4,267	5,506	7,622	6,940	7,577	7,502	7,901	7,960	8,033	8,189	8,231	8,271	8,404
Arizona	674	1,865	2,093	3,009	3,728	3,717	3,860	4,088	4,104	4,264	4,476	4,413	4,595	4,672
Arkansas	511	1,472	1,585	2,506	3,023	3,229	3,461	3,859	4,013	4,186	4,401	4,535	4,708	4,956
California	833	2,227	2,438	3,534	4,205	4,502	4,595	4,609	4,719	4,799	4,937	5,260	5,644	5,801
Colorado	686	2,258	2,509	3,666	4,151	4,357	4,603	4,766	4,727	5,047	5,121	5,312	5,656	5,923
Connecticut	911	2,167	2,711	4,641	6,479	7,463	7,547	7,655	7,947	8,380	8,430	8,580	8,901	9,318
Delaware	833	2,587	2,721	4,215	4,958	5,326	5,458	5,753	6,101	6,502	6,696	7,135	7,420	7,706
District of Columbia	947	2,811	2,950	4,672	6,888	7,872	8,029	8,286	8,843	8,290	8,510	8,048	8,393	9,650
Florida	683	1,834	2,209	3,260	4,210	4,597	4,859	4,876	5,063	5,220	5,275	5,360	5,552	5,790
Georgia	539	1,491	1,580	2,760	3,616	4,000	4,171	4,368	4,569	4,828	5,056	5,369	5,647	6,092
Hawaii	792	2,086	2,393	3,505	3,841	4,130	4,820	5,332	5,533	5,597	5,560	5,633	5,858	6,081
Idaho	573	1,548	1,736	2,358	2,656	2,921	3,206	3,471	3,628	3,957	4,194	4,447	4,721	5,066
Illinois	816	2,241	2,406	3,321	4,265	4,521	4,904	5,307	5,323	5,553	5,519	5,940	6,242	6,762
Indiana	661	1,708	1,798	2,951	3,933	4,270	4,588	4,935	5,245	5,411	5,621	6,161	6,318	6,772
Iowa	798	2,164	2,505	3,388	4,027	4,190	4,418	4,970	5,070	5,240	5,481	5,738	5,998	6,243
Kansas	699	1,963	2,307	3,469	4,014	4,290	4,434	4,926	5,081	5,222	5,374	5,508	5,727	6,015
Kentucky	502	1,557	1,637	2,229	3,009	3,384	3,897	4,310	4,505	4,545	4,807	5,155	5,213	5,560
Louisiana	589	1,629	2,273	2,960	3,138	3,625	3,853	4,010	4,133	4,356	4,447	4,724	5,187	5,548
Maine	649	1,692	1,804	3,341	4,330	4,903	4,978	5,624	5,569	6,029	6,151	6,426	6,742	7,155
Maryland	809	2,293	2,581	3,923	5,088	5,573	5,930	6,060	6,191	6,427	6,593	6,755	7,034	7,326
Massachusetts	791	2,548	2,735	4,031	5,485	5,766	5,881	6,141	6,423	6,783	7,033	7,331	7,778	8,260
Michigan	841	2,495	2,892	3,859	4,734	5,090	5,394	5,945	6,138	6,465	6,785	6,932	7,050	7,432
Minnesota	855	2,296	2,519	3,741	4,515	4,698	4,946	5,210	5,342	5,626	5,801	6,005	6,388	6,791
Mississippi	457	1,568	1,503	2,246	2,714	2,934	3,007	3,159	3,410	3,798	3,951	4,039	4,288	4,565
Missouri	596	1,724	1,945	2,864	3,839	4,071	4,271	4,318	4,596	4,866	5,092	5,304	5,565	5,855
Montana	728	2,264	2,449	3,691	3,893	4,240	4,706	4,907	5,043	5,137	5,249	5,481	5,724	5,974
Nebraska	700	2,025	2,243	3,431	4,101	4,553	4,735	5,064	5,310	5,555	5,688	5,848	5,958	6,256
Nevada	706	1,908	1,925	3,196	3,562	3,816	4,294	4,645	4,664	4,730	4,892	5,084	5,295	5,587
New Hampshire	666	1,732	2,036	3,247	4,328	4,786	5,152	5,368	5,433	5,567	5,740	5,920	6,156	6,433
New Jersey	924	2,825	2,928	5,139	6,762	7,546	8,166	8,770	9,075	9,178	9,361	9,588	9,643	10,145
New Mexico	665	1,870	2,066	2,911	3,336	3,446	3,757	3,929	4,106	4,404	4,604	4,682	5,005	5,440
New York	1,194	2,950	3,225	5,221	6,655	7,051	7,510	7,770	8,069	8,311	8,361	8,525	8,852	9,344
North Carolina	570	1,635	1,870	2,754	3,594	4,018	4,237	4,426	4,540	4,703	4,719	4,929	5,257	5,656
North Dakota	662	1,941	2,175	3,200	3,635	3,899	3,909	4,305	4,385	4,482	4,677	4,808	5,056	5,442
Ohio	677	1,894	2,120	3,265	4,208	4,531	4,747	5,110	5,319	5,529	5,669	5,935	6,198	6,627
Oklahoma	554	1,810	2,065	2,939	3,159	3,293	3,639	4,090	4,437	4,533	4,549	4,817	5,033	5,303
Oregon	843	2,412	2,782	3,715	4,598	4,864	5,195	5,585	5,522	5,649	5,790	5,920	6,419	6,828
Pennsylvania	815	2,328	2,595	4,010	5,169	5,737	6,048	6,372	6,443	6,565	6,922	7,106	7,209	7,450
Rhode Island	807	2,340	2,654	4,255	5,598	5,908	5,934	6,501	6,797	7,126	7,304	7,612	7,928	8,294
South Carolina	567	1,597	1,625	2,816	3,441	3,769	4,009	4,200	4,336	4,501	4,779	5,050	5,320	5,656
South Dakota	656	1,781	1,885	2,903	3,373	3,511	3,726	4,109	4,095	4,271	4,220	4,387	4,669	5,259
Tennessee	531	1,523	1,675	2,447	3,248	3,405	3,521	3,671	3,815	4,017	4,172	4,581	4,937	5,123
Texas	551	1,740	1,831	3,079	3,582	3,835	4,048	4,270	4,488	4,779	5,016	5,267	5,444	5,685
Utah	595	1,556	1,710	2,248	2,421	2,577	2,767	2,967	3,206	3,409	3,604	3,783	3,969	4,210
Vermont	790	1,930	2,347	3,840	5,196	5,770	6,255	6,252	6,266	6,367	6,488	6,753	7,075	7,541
Virginia	654	1,824	2,024	3,289	4,225	4,690	4,965	5,067	5,205	5,421	5,528	5,788	6,065	6,350
Washington	853	2,387	2,365	3,605	4,059	4,382	4,652	5,220	5,342	5,477	5,639	5,734	6,040	6,110
West Virginia	621	1,749	1,968	3,255	3,580	4,020	4,571	5,108	5,292	5,663	5,881	6,076	6,323	6,677
Wisconsin	793	2,225	2,452	3,767	4,760	5,020	5,382	5,974	6,126	6,301	6,517	6,796	7,123	7,527
Wyoming	805	2,369	2,758	4,754	5,030	5,239	5,310	5,462	5,534	5,753	5,826	5,971	6,218	6,842
Outlying areas														
American Samoa	—	—	—	—	1,897	1,781	2,002	1,689	1,737	1,983	2,084	2,288	2,175	2,283
Guam	766	—	—	3,016	3,624	3,817	4,411	5,369	5,200	5,016	4,803	4,688	5,200	—
Northern Marianas	—	—	—	—	2,651	3,356	4,159	4,796	4,009	5,340	4,999	5,878	6,112	5,312
Puerto Rico	—	—	1,000	1,227	1,557	1,605	1,773	2,034	2,155	2,417	2,657	2,812	3,211	3,298
Virgin Islands	—	—	—	3,016	4,757	6,043	5,515	5,265	5,299	5,280	5,378	5,458	5,932	6,983

Table 169.—Current expenditure per pupil in fall enrollment in public elementary and secondary schools, by state: 1969–70 to 1998–99—Continued

State or other area	In constant 1998–99 dollars													
	1969–70	1979–80	1980–81	1985–86	1988–89	1989–90	1990–91	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
1	16	17	18	19	20	21	22	23	24	25	26	27	28	29
United States	**$3,272**	**$4,426**	**$4,383**	**$5,261**	**$5,848**	**$6,016**	**$6,023**	**$5,957**	**$5,995**	**$6,048**	**$6,059**	**$6,133**	**$6,296**	**$6,508**
Alabama	2,229	3,223	3,488	3,646	4,099	4,074	4,213	4,119	4,306	4,495	4,625	4,757	4,933	5,188
Alaska	4,614	9,044	10,459	11,526	9,423	9,819	9,218	9,121	8,957	8,788	8,721	8,523	8,414	8,404
Arizona	2,938	3,953	3,976	4,550	5,061	4,817	4,742	4,720	4,618	4,665	4,767	4,570	4,675	4,672
Arkansas	2,225	3,120	3,010	3,789	4,105	4,185	4,253	4,455	4,515	4,580	4,687	4,696	4,790	4,956
California	3,630	4,719	4,630	5,344	5,709	5,835	5,646	5,321	5,311	5,250	5,258	5,446	5,742	5,801
Colorado	2,988	4,786	4,765	5,543	5,635	5,646	5,655	5,502	5,320	5,522	5,453	5,500	5,754	5,923
Connecticut	3,967	4,593	5,150	7,017	8,797	9,671	9,273	8,838	8,943	9,168	8,978	8,884	9,055	9,318
Delaware	3,631	5,482	5,168	6,373	6,731	6,902	6,706	6,642	6,865	7,113	7,131	7,387	7,548	7,706
District of Columbia	4,125	5,959	5,604	7,065	9,352	10,201	9,865	9,566	9,951	9,069	9,063	8,333	8,538	9,650
Florida	2,974	3,887	4,197	4,929	5,716	5,957	5,970	5,629	5,697	5,710	5,618	5,550	5,648	5,790
Georgia	2,347	3,160	3,001	4,174	4,909	5,183	5,125	5,043	5,141	5,282	5,385	5,559	5,745	6,092
Hawaii	3,450	4,422	4,546	5,300	5,215	5,352	5,922	6,155	6,226	6,123	5,921	5,833	5,959	6,081
Idaho	2,497	3,282	3,298	3,566	3,606	3,785	3,939	4,008	4,083	4,328	4,467	4,605	4,803	5,066
Illinois	3,553	4,750	4,571	5,022	5,790	5,858	6,026	6,127	5,990	6,075	5,878	6,151	6,350	6,762
Indiana	2,880	3,620	3,416	4,462	5,340	5,534	5,637	5,766	5,902	5,920	5,987	6,379	6,427	6,772
Iowa	3,477	4,587	4,759	5,123	5,467	5,429	5,428	5,737	5,705	5,733	5,837	5,942	6,102	6,243
Kansas	3,044	4,160	4,383	5,246	5,449	5,559	5,449	5,686	5,718	5,713	5,723	5,704	5,826	6,015
Kentucky	2,187	3,301	3,109	3,370	4,086	4,385	4,789	4,976	5,070	4,972	5,119	5,338	5,303	5,560
Louisiana	2,567	3,453	4,318	4,476	4,260	4,697	4,734	4,629	4,651	4,766	4,736	4,891	5,277	5,548
Maine	2,828	3,586	3,426	5,053	5,879	6,354	6,116	6,493	6,267	6,595	6,551	6,654	6,859	7,155
Maryland	3,525	4,859	4,902	5,931	6,907	7,222	7,286	6,996	6,966	7,031	7,022	6,994	7,156	7,326
Massachusetts	3,444	5,400	5,195	6,095	7,447	7,472	7,226	7,090	7,228	7,421	7,490	7,591	7,913	8,260
Michigan	3,665	5,289	5,492	5,835	6,427	6,596	6,627	6,863	6,907	7,073	7,226	7,178	7,172	7,432
Minnesota	3,724	4,867	4,785	5,656	6,130	6,088	6,077	6,015	6,011	6,155	6,178	6,218	6,498	6,791
Mississippi	1,990	3,324	2,854	3,396	3,684	3,801	3,694	3,647	3,838	4,155	4,208	4,183	4,362	4,565
Missouri	2,596	3,654	3,695	4,331	5,212	5,275	5,248	4,985	5,172	5,324	5,423	5,492	5,662	5,855
Montana	3,169	4,798	4,652	5,581	5,285	5,494	5,783	5,665	5,675	5,620	5,590	5,675	5,823	5,974
Nebraska	3,048	4,291	4,261	5,188	5,568	5,900	5,817	5,846	5,976	6,077	6,058	6,055	6,061	6,256
Nevada	3,074	4,044	3,657	4,832	4,837	4,945	5,276	5,362	5,248	5,175	5,210	5,264	5,387	5,587
New Hampshire	2,901	3,671	3,868	4,909	5,876	6,201	6,330	6,197	6,114	6,090	6,113	6,130	6,263	6,433
New Jersey	4,024	5,988	5,563	7,770	9,181	9,778	10,033	10,125	10,212	10,041	9,969	9,928	9,810	10,145
New Mexico	2,897	3,964	3,924	4,402	4,529	4,465	4,616	4,536	4,621	4,817	4,903	4,848	5,091	5,440
New York	5,202	6,253	6,125	7,895	9,035	9,137	9,228	8,970	9,081	9,092	8,905	8,827	9,005	9,344
North Carolina	2,484	3,466	3,553	4,165	4,880	5,207	5,206	5,110	5,110	5,145	5,026	5,104	5,348	5,656
North Dakota	2,885	4,115	4,131	4,839	4,935	5,053	4,803	4,969	4,935	4,903	4,981	4,978	5,143	5,442
Ohio	2,947	4,015	4,027	4,937	5,713	5,871	5,833	5,899	5,985	6,048	6,037	6,145	6,305	6,627
Oklahoma	2,412	3,835	3,923	4,444	4,289	4,267	4,472	4,722	4,993	4,959	4,845	4,988	5,120	5,303
Oregon	3,673	5,113	5,285	5,617	6,243	6,304	6,383	6,448	6,214	6,180	6,167	6,130	6,530	6,828
Pennsylvania	3,551	4,935	4,930	6,064	7,018	7,435	7,431	7,356	7,250	7,182	7,372	7,358	7,333	7,450
Rhode Island	3,514	4,960	5,042	6,434	7,601	7,656	7,290	7,505	7,648	7,795	7,779	7,882	8,066	8,294
South Carolina	2,471	3,385	3,086	4,259	4,672	4,885	4,926	4,849	4,879	4,925	5,090	5,229	5,412	5,656
South Dakota	2,858	3,774	3,580	4,390	4,579	4,550	4,578	4,744	4,608	4,672	4,495	4,542	4,750	5,259
Tennessee	2,312	3,228	3,182	3,699	4,410	4,412	4,326	4,238	4,293	4,394	4,443	4,744	5,023	5,123
Texas	2,401	3,687	3,478	4,656	4,863	4,969	4,974	4,929	5,050	5,228	5,342	5,454	5,539	5,685
Utah	2,593	3,298	3,248	3,399	3,287	3,339	3,400	3,425	3,608	3,729	3,839	3,917	4,037	4,210
Vermont	3,439	4,091	4,459	5,806	7,055	7,477	7,686	7,218	7,051	6,965	6,909	6,992	7,197	7,541
Virginia	2,851	3,866	3,845	4,973	5,737	6,077	6,101	5,849	5,857	5,930	5,887	5,993	6,170	6,350
Washington	3,716	5,059	4,491	5,451	5,510	5,679	5,716	6,027	6,011	5,991	6,006	5,937	6,145	6,110
West Virginia	2,707	3,706	3,739	4,921	4,860	5,209	5,616	5,898	5,956	6,196	6,263	6,292	6,433	6,677
Wisconsin	3,455	4,715	4,658	5,696	6,463	6,505	6,612	6,897	6,894	6,893	6,940	7,037	7,246	7,527
Wyoming	3,506	5,021	5,239	7,189	6,830	6,789	6,524	6,306	6,227	6,294	6,205	6,183	6,326	6,842
Outlying areasg														
American Samoa	—	—	—	—	2,575	2,309	2,459	1,950	1,955	2,169	2,220	2,369	2,212	2,283
Guam	3,339	—	—	4,560	4,920	4,947	5,419	6,198	5,852	5,487	5,115	4,855	5,290	—
Northern Marianas	—	—	—	—	3,600	4,349	5,110	5,537	4,511	5,841	5,324	6,086	6,218	5,312
Puerto Rico	—	—	1,900	1,855	2,114	2,080	2,178	2,348	2,425	2,645	2,830	2,911	3,266	3,298
Virgin Islands	—	—	—	4,560	6,458	7,831	6,776	6,079	5,963	5,776	5,728	5,652	6,035	6,983

—Not available.

NOTE: Constant 1998–99 dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school year basis. These data do not reflect differences in inflation rates from state to state. Beginning in 1980–81, expenditures for state administration are excluded. Beginning in 1988–89, survey was expanded and coverage of state expenditures for public school districts was improved. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Schools*, various years; *Statistics of State School Systems*, various years; and Common Core of Data surveys. (This table was prepared November 2001.)

CHAPTER 3

Postsecondary Education

Postsecondary education includes an array of diverse educational experiences, including a wide range of programs offered by American colleges and universities. For example, a community college may offer vocational training or the first 2 years of training at the college level. A university typically offers a full undergraduate course of study leading to a bachelor's degree as well as first-professional and graduate programs leading to advanced degrees. Vocational and technical institutions offer training programs that are designed to prepare students for specific careers. Community groups, religious organizations, libraries, and businesses provide other types of educational opportunities for adults.

This chapter provides an overview of the latest statistics on postsecondary education, which includes academic, vocational, and continuing professional education programs after high school. However, to maintain comparability over time, most of the data in the *Digest* are for degree-granting institutions, which include 2- and 4-year colleges and universities and exclude most vocational and continuing education programs. This chapter highlights historical data that enable the reader to observe long-range trends in college education in America.

Other chapters provide related information on postsecondary education. Data on price indexes and on the number of degrees held by the general population are shown in chapter 1. Chapter 4 contains tabulations on federal funding for postsecondary education. Information on employment outcomes for college graduates is shown in chapter 5. Chapter 7 contains data on college libraries and use of computers by young adults. Further information on survey methodologies is presented in the "Guide to Sources" in the appendix and in the publications cited in the source notes.

Enrollment

Enrollment in degree-granting institutions increased by 17 percent between 1979 and 1989. Between 1989 and 1999, enrollment increased at a slightly slower rate (9 percent), from 13.5 million to 14.8 million. There was a slight decline in enrollment from 1992 to 1995, but it was overshadowed by large increases in the late 1990s. Much of this growth was in female enrollment (table 172). Between 1989 and 1999, the number of men enrolled rose 5 percent, while the number of women increased by 13 percent. Part-time enrollment rose by 2 percent compared to an increase of 15 percent in full-time enrollment. In addition to the enrollment in accredited 2-year colleges, 4-year colleges, and universities, about 414,000 students attended non degree-granting, Title IV eligible,* postsecondary institutions in fall 1999 (table 170).

The number of young students has been growing more rapidly than the number of older students, and this pattern is expected to continue. Between 1990 and 1999, the enrollment of students under age 25 increased by 12 percent. Enrollment of persons 25 and over rose by less than 1 percent during the same period. From 1999 to 2010, NCES projects a rise of 21 percent in enrollments of persons under 25 and an increase of 14 percent in the number 25 and over (table 174).

Enrollment trends have differed at the undergraduate, graduate, and first-professional levels. Undergraduate enrollment generally increased during the 1970s, but dipped slightly between 1983 and 1985. From 1985 to 1992, undergraduate enrollment increased each year, rising 18 percent before declining slightly and stabilizing between 1993 and 1998. Undergraduate enrollment rose 2 percent between 1998 and 1999 (table 188). Graduate enrollment had been steady at about 1.3 million in the late 1970s and early 1980s, but rose about 31 percent between 1985 and 1999 (table 189). After rising very rapidly during the 1970s, enrollment in first-professional programs stabilized in the 1980s. First-professional enrollment began rising again in the 1990s and showed an increase of 11 percent between 1990 and 1999 (table 190).

Since 1984, the number of women in graduate schools has exceeded the number of men. Between 1989 and 1999, the number of male full-time graduate students increased by 18 percent, compared to 59 percent for full-time women. Among part-time graduate students, the number of men increased by less than 1 percent compared to a 14 percent increase for women (table 189).

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*Title IV programs, which are administered by the U.S. Department of Education, provide financial aid to postsecondary students.

The proportion of American college students who are minorities has been increasing. In 1976, 16 percent were minorities, compared with 28 percent in 1999. Much of the change can be attributed to rising numbers of Hispanic and Asian students. The proportion of Asian and Pacific Islander students rose from 2 percent to 6 percent, and the Hispanic proportion rose from 4 percent to 9 percent during that time period. The proportion of black students fluctuated during most of the early part of the period, before rising slightly to 11 percent in 1999. These percentages exclude foreign students enrolled in U.S. colleges and universities (table 207).

Despite the sizable numbers of small degree-granting colleges, most students attend the larger colleges and universities. In fall 1999, 40 percent of institutions had fewer than 1,000 students; however, these campuses enrolled 4 percent of college students. While 10 percent of the campuses enrolled 10,000 or more students, they accounted for 50 percent of total college enrollment (table 214).

Faculty, Staff, and Salaries

The student/staff ratio at colleges and universities dropped from 5.4 in 1976 to 4.8 in 1999. During the same time period, the student/faculty ratio dropped from 16.6 to 14.9. The proportion of administrative staff and other nonteaching professional staff rose from 15 percent in 1976 to 24 percent in 1999, while the proportion of nonprofessional staff declined from 42 percent to 32 percent (table 224).

Approximately 2.9 million people were employed in colleges and universities in the fall of 1999, including 2.0 million professional and .9 million nonprofessional staff. About 44 percent of the staff were faculty or teaching assistants, 6 percent were managerial, 18 percent were other nonteaching professionals, and 32 percent were nonprofessional staff (table 226).

Colleges differ in their practices of employing part-time and full-time staff. In fall 1999, 50 percent of the employees at public 2-year colleges were employed full-time compared with 70 percent at public 4-year colleges and 71 percent at private 4-year colleges. A higher proportion of the faculty at public 4-year colleges were employed full-time (73 percent) than at private 4-year colleges (59 percent) or public 2-year colleges (35 percent) (table 226).

The proportion of time that full-time instructional faculty and staff spent teaching averaged 57 percent in 1998. For the remaining faculty time, research and scholarship accounted for 15 percent of the time; professional growth, 5 percent; administration, 14 percent; outside consulting, 3 percent; service and nonteaching activities, 7 percent (table 233).

About 14 percent of U.S. faculty in colleges and universities were minorities in 1999 (based on a total excluding nonresident aliens and persons whose race/ethnicity was unknown). Five percent of the faculty were black; 5 percent, Asian/Pacific Islanders; 3 percent, Hispanic; and .5 percent, American Indian/Alaskan Native. Half of college faculty (50 percent) were white males, while 35 percent were white females. About 15 percent of executive, managerial, and administrative staff were minorities in 1999, compared to about 30 percent of the nonprofessional staff. The proportion of minority staff at public 4-year colleges (22 percent) was similar to the proportion at private 4-year colleges (20 percent) (table 225).

College faculty generally suffered losses in the purchasing power of their salaries from 1972–73 to 1980–81, when average salaries fell 17 percent after adjustment for inflation. During the 1980s, average salaries rose and recouped most of the losses. Between 1992–93 and 1998–99, there was a slight increase in average faculty salaries, reaching about 2 percent higher than in 1972–73. Average salaries for men in 1998–99 ($58,048) were considerably higher than the average for women ($47,421), but women's salaries have increased at a slightly faster rate since 1990–91 (table 237).

The proportion of faculty with tenure has remained relatively stable in recent years. About 64 percent of full-time faculty had tenure in 1998–99, but a large difference existed between the proportion of men and women with tenure. Seventy-one percent of men compared with 52 percent of women had tenure in 1998–99. About 66 percent of the faculty at public institutions had tenure, compared with 58 percent of faculty at private institutions (table 243).

Degrees

During the 2000–01 academic year, 4,182 accredited institutions offered degrees at the associate degree level or above. These included 2,450 4-year colleges and universities, and 1,732 2-year colleges (table 245). Institutions awarding various degrees in 1999–2000 numbered 2,546 for associate degrees, 1,995 for bachelor's degrees, 1,499 for master's degrees, and 535 for doctor's degrees (table 262).

More people are completing college. Between 1989–90 and 1999–2000, the number of associate, bachelor's, master's, and doctor's degrees rose. Associate degrees increased 24 percent, bachelor's degrees increased 18 percent, master's degrees increased 41 percent, and doctor's degrees increased 17 percent during this period. The number of first-professional degrees was 13 percent higher in 1999–2000 than it was in 1989–90 (table 247).

More women than men earn associate, bachelor's, and master's degrees. Also, the number of women receiving all types of degrees has increased at a faster rate than for men. Between 1989–90 and 1999–2000 the number of bachelor's degrees awarded to men increased by 8 percent, while those awarded to women rose by 26 percent (table 247).

Of the 1,238,000 bachelor's degrees conferred in 1999–2000, the largest numbers of degrees were conferred in the fields of business (258,000), social sciences (127,000), and education (108,000) (table 255). At the master's degree level, the largest fields were education (124,000) and business (112,000) (table 256). The largest fields at the doctor's degree level were education (6,800), engineering (5,400), biological and life sciences (4,900) and psychology (4,300) (table 257).

The pattern of bachelor's degrees by field of study has shifted significantly in recent years. Declines are significant in some fields such as engineering and mathematics. Engineering and engineering technologies declined 4 percent between 1989–90 and 1994–95, and then posted a further 7 percent decline between 1994–95 and 1999–2000. The number of mathematics degrees declined by 10 percent between 1989–90 and 1994–95 and posted a further 12 percent decline between 1994–95 and 1999–2000. In contrast, some technical fields have increased. After declining by 10 percent between 1989–90 and 1994–95, the number of degrees in computer and information sciences grew 48 percent between 1994–95 and 1999–2000. Other sizable fields with increases over 20 percent between 1994–95 and 1999–2000 included: parks, recreation, and leisure studies; agriculture and natural sciences; theological professions; and visual and performing arts (table 255).

About three-quarters (77 percent) of the students who enrolled in a 4-year college in 1995–96 were still working on their degrees in spring 1998. About 4 percent of students had completed a certificate or degree and 18 percent were no longer working towards a bachelor's degree (table 314).

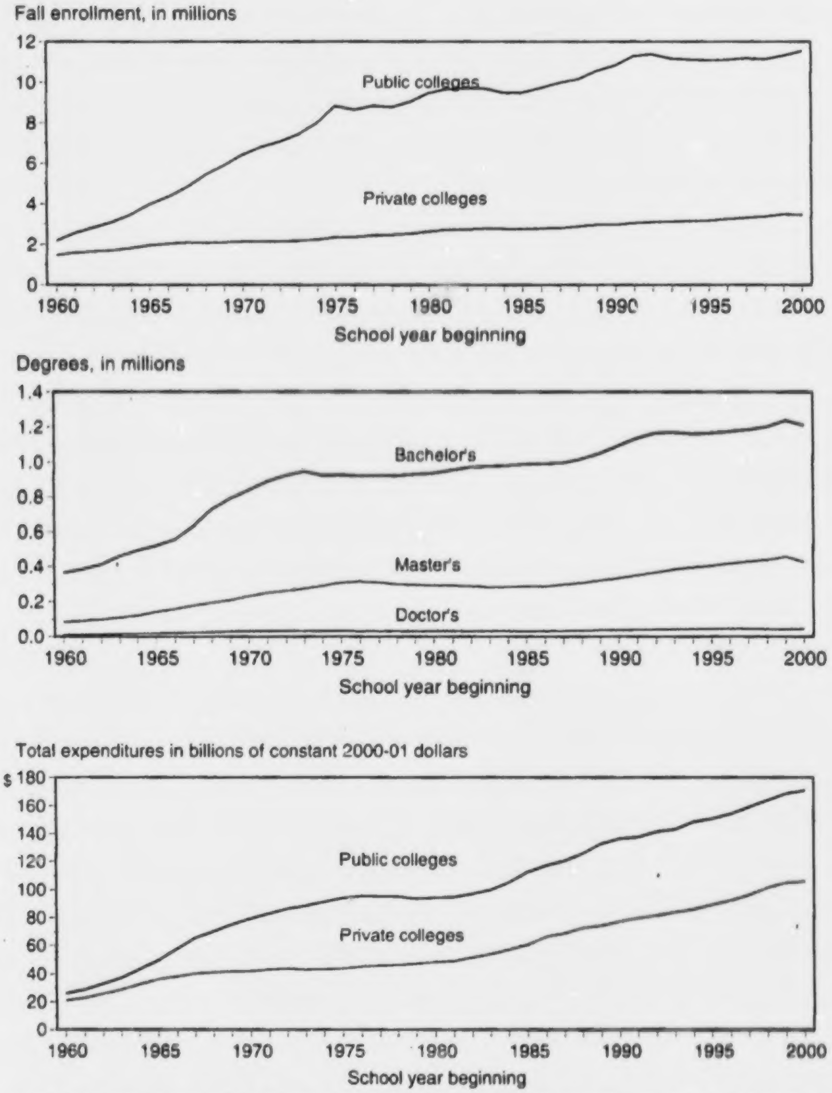
Finances

For the 2000–01 academic year, annual prices for undergraduate tuition, room, and board were estimated to be $7,621 at public colleges and $21,423 at private colleges. Between 1990–91 and 2000–01, prices at public colleges rose by 23 percent, and prices at private colleges increased by 27 percent, after adjustment for inflation (tables 35 and 316).

Trend data show increases in the expenditures per student at colleges and universities through the late 1980s and further increases after 1991–92. After an adjustment for inflation at colleges and universities, current-fund expenditures per student rose about 5 percent between 1985–86 and 1990–91, and another 7 percent between 1990–91 and 1995–96 (table 343).

Scholarships and fellowships rose more rapidly at public institutions than most other types of college expenditures. At public universities, between 1986–87 and 1996–97, inflation adjusted scholarship and fellowship expenditures per full-time-equivalent student rose 85 percent compared with 8 percent for instruction expenditures per student (table 349). At other public 4-year institutions during the same period, scholarship and fellowship costs per student rose 109 percent, and the instruction costs rose by 2 percent (table 350). Another rapidly rising expenditure for public colleges during the decade was research, which rose by 26 percent per student at public universities, and by 36 percent at other public 4-year colleges (tables 349 and 350).

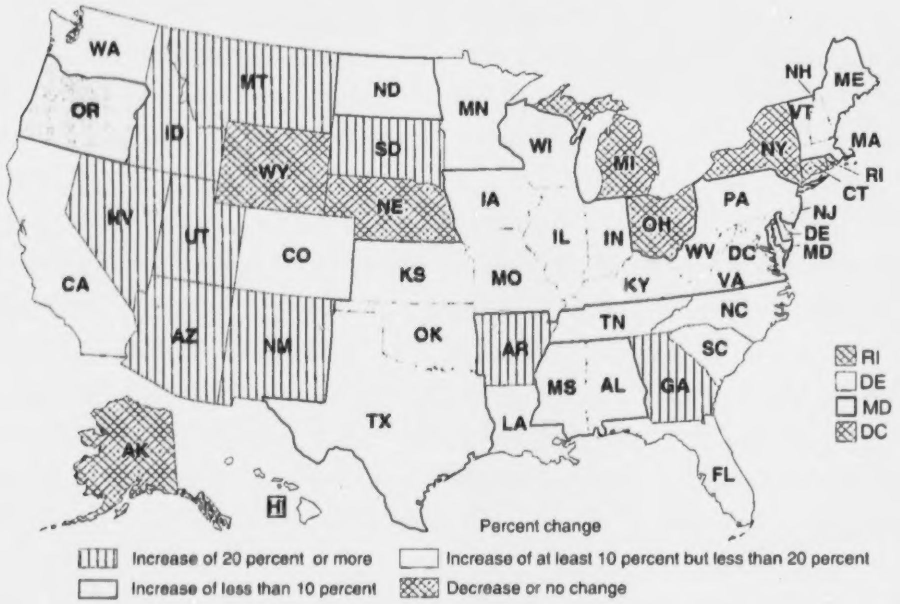
Figure 13.–Enrollment, degrees conferred, and expenditures in degree-granting institutions: 1960–61 to 2000-01



NOTE: Degree data for 2000-01, finance data for 1996-97 through 2000-01, and enrollment data for fall 2000 are estimated.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education," "Degrees and Other Formal Awards Conferred," and "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," "Completions," and "Finance" surveys.

Figure 14.–Percentage change in total enrollment in degree-granting institutions, by state: Fall 1990 to fall 1999


WA
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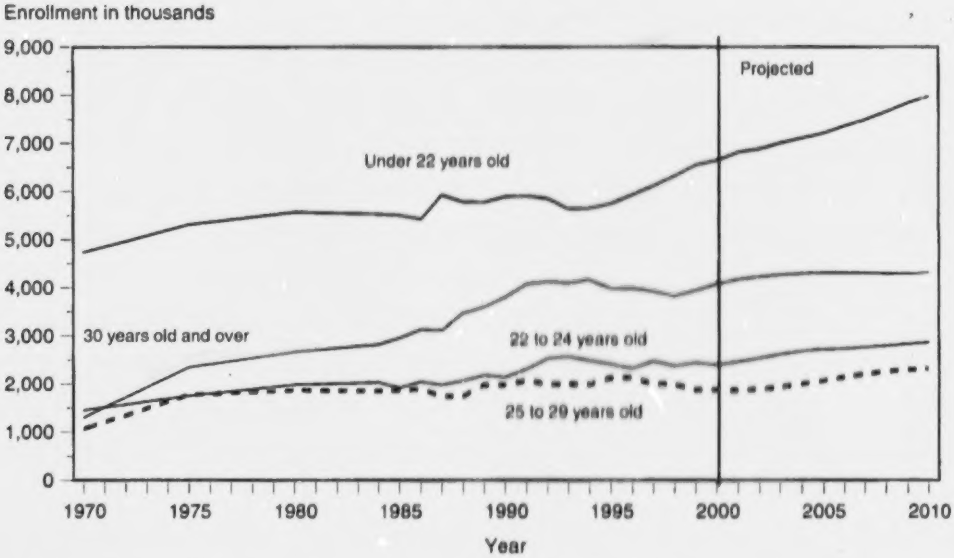
FL
WV
VA
PA
NY
DC
MD
DE
NJ
CT
RI
MA
VT
NH
ME
AK
HI
▨ RI
☐ DE
☐ MD
▨ DC
Percent change
▥ Increase of 20 percent or more
☐ Increase of at least 10 percent but less than 20 percent
☐ Increase of less than 10 percent
▨ Decrease or no change

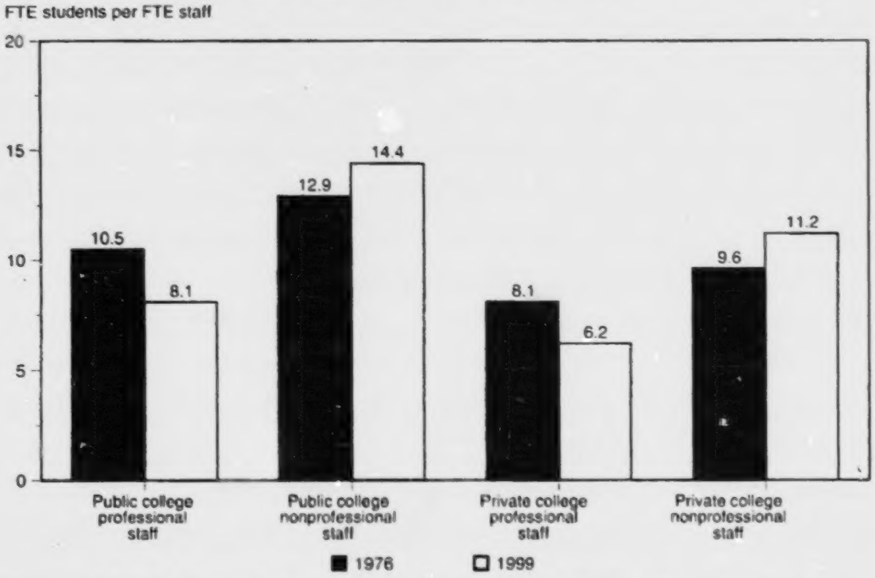
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys.

Figure 15.–Enrollment in degree-granting institutions, by age: Fall 1970 to fall 2010



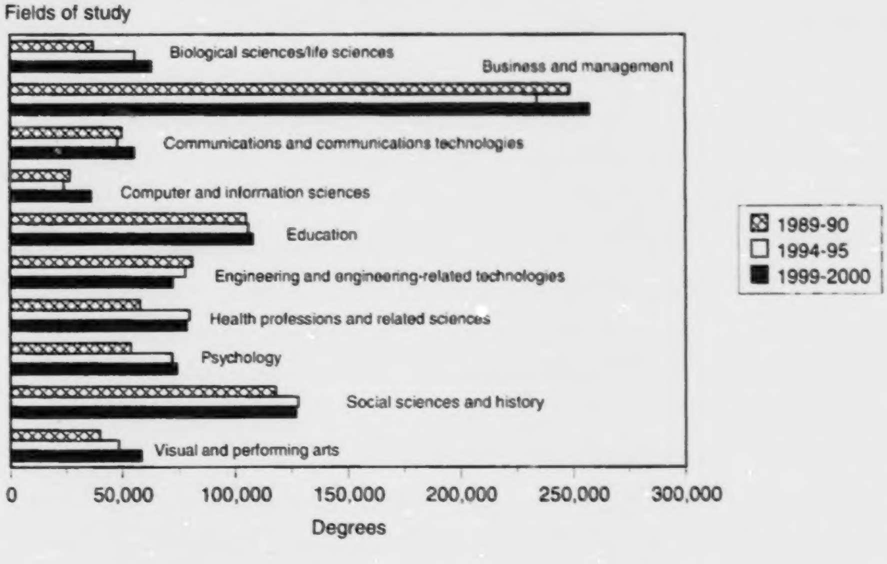
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys; *Projections of Education Statistics to 2011*; and U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-20, "Social and Economic Characteristics of Students," various years.

Figure 16.–Full-time-equivalent students per staff member in public and private degree-granting institutions: 1976 and 1999



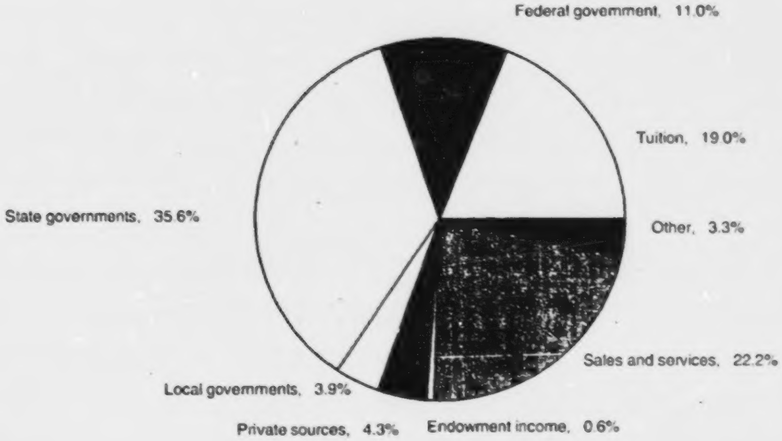
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Staff" and "Fall Enrollment in Higher Education" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Staff" and "Fall Enrollment" surveys.

Figure 17.–Trends in bachelor's degrees conferred in selected fields of study: 1989-90, 1994-95, and 1999-2000



SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" survey, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys.

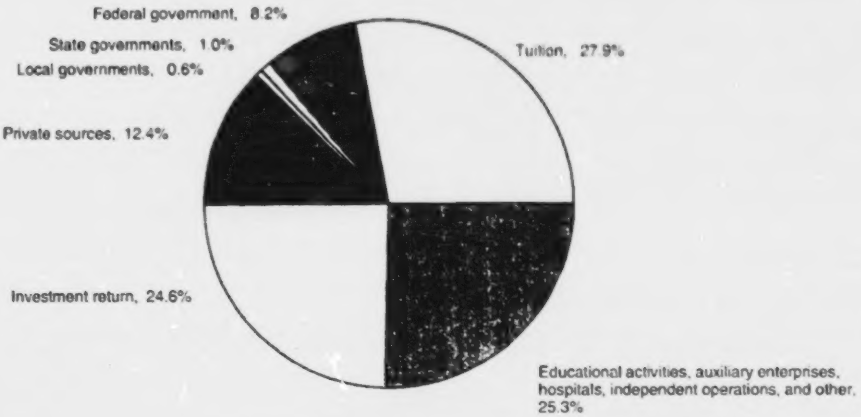
Figure 18.–Sources of current-fund revenue for public degree-granting institutions: 1996–97



Current-fund revenues = $130.0 billion

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance FY97" survey.

Figure 19.–Sources of total revenue for private not-for-profit degree-granting institutions: 1996–97



Total revenues = $91.1 billion

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance, FY97" survey.

Table 170.—Enrollment, staff, and degrees conferred in postsecondary institutions participating in Title IV programs, by level and control of institution: Fall 1997, fall 1999, and 1999–2000

Level of institution, type of degree, and sex of student	All Title IV participating[1]	2-year and 4-year degree-granting institutions[2]					Non-degree-granting institutions[3]				
		Total	Public	Private			Total	Public	Private		
				Total	Not-for-profit	For-profit			Total	Not-for-profit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12
	Enrollment, fall 1999										
Total	15,205,180	14,791,224	11,309,399	3,481,825	3,051,626	430,199	413,956	182,413	231,543	33,172	198,371
4-year institutions	9,199,813	9,198,525	5,969,950	3,228,575	2,989,285	239,290	1,288	149	1,139	781	358
Men	4,103,543	4,103,297	2,669,629	1,433,668	1,307,723	125,945	246	57	189	125	64
Women	5,096,270	5,095,228	3,300,321	1,794,907	1,681,562	113,345	1,042	92	950	656	294
2-year institutions	5,761,835	5,592,699	5,339,449	253,250	62,341	190,909	169,136	106,222	62,914	24,535	38,379
Men	2,463,596	2,387,349	2,271,552	115,797	26,354	89,443	76,247	53,134	23,113	8,380	14,733
Women	3,298,239	3,205,350	3,067,897	137,453	35,987	101,466	92,889	53,088	39,801	16,155	23,646
Less than 2-year	243,532	—	—	—	—	—	243,532	76,042	167,490	7,856	159,634
Men	81,690	—	—	—	—	—	81,690	34,895	46,795	2,704	44,091
Women	161,842	—	—	—	—	—	161,842	41,147	120,695	5,152	115,543
	Staff, fall 1997										
Total	2,808,710	2,752,504	1,930,747	821,757	777,229	44,528	56,206	24,946	31,260	5,367	25,893
Professional staff	1,881,691	1,835,916	1,291,339	544,577	508,095	36,482	45,775	19,626	26,149	4,249	21,900
Administrative	159,215	151,363	84,806	66,557	62,319	4,238	7,852	1,421	6,431	763	5,668
Faculty	1,020,786	989,813	694,560	295,253	271,257	23,996	30,973	15,842	15,131	2,605	12,526
Faculty assistants	224,821	222,724	186,042	36,682	35,034	1,648	2,097	866	1,231	174	1,057
Other professionals	476,869	472,016	325,931	146,085	139,485	6,600	4,853	1,497	3,356	707	2,649
Nonprofessional staff	927,019	916,588	639,408	277,180	269,134	8,046	10,431	5,320	5,111	1,118	3,993
Student/staff ratio	5.3	5.3	5.8	4.0	3.8	7.4	7.1	7.0	7.1	6.4	7.3
	Degrees conferred, 1999–2000										
Less than 1-year awards and 1- to 4-year awards	558,265	260,401	191,488	68,913	13,800	55,113	297,864	103,560	194,304	14,780	179,524
4-year institutions	23,408	23,265	10,084	13,181	8,297	4,884	143	0	143	59	84
Men	11,176	11,166	4,657	6,509	3,615	2,894	10	0	10	5	5
Women	12,232	12,099	5,427	6,672	4,682	1,990	133	0	133	54	79
2-year institutions	304,090	237,136	181,404	55,732	5,503	50,229	66,954	37,321	29,633	8,610	21,023
Men	135,764	107,070	81,028	26,042	2,823	23,219	28,694	18,740	9,954	2,771	7,183
Women	168,326	130,066	100,376	29,690	2,680	27,010	38,260	18,581	19,679	5,839	13,840
Less than 2-year	230,767	—	—	—	—	—	230,767	66,239	164,528	6,111	158,417
Men	79,206	—	—	—	—	—	79,206	28,041	51,165	1,969	49,196
Women	151,561	—	—	—	—	—	151,561	38,198	113,363	4,142	109,221
Associate	565,057	564,933	448,446	116,487	46,337	70,150	124	0	124	16	108
4-year	89,679	89,679	36,813	52,866	30,764	22,102	0	0	0	0	0
Men	40,045	40,045	15,040	25,005	11,717	13,288	0	0	0	0	0
Women	49,634	49,634	21,773	27,861	19,047	8,814	0	0	0	0	0
2-year	475,324	475,254	411,633	63,621	15,573	48,048	70	0	70	7	63
Men	184,682	184,676	154,006	30,670	6,923	23,747	6	0	6	0	6
Women	290,642	290,578	257,627	32,951	8,650	24,301	64	0	64	7	57
Less than 2-year	54	—	—	—	—	—	54	0	54	9	45
Men	39	—	—	—	—	—	39	0	39	2	37
Women	15	—	—	—	—	—	15	0	15	7	8
Bachelor's	1,237,885	1,237,875	810,855	427,020	406,958	20,062	10	0	10	10	0
Men	530,368	530,367	350,574	179,793	168,837	10,956	1	0	1	1	0
Women	707,517	707,508	460,281	247,227	238,121	9,106	9	0	9	9	0
Master's	457,056	457,056	243,157	213,899	203,591	10,308	0	0	0	0	0
Men	191,792	191,792	99,253	92,539	87,386	5,153	0	0	0	0	0
Women	265,264	265,264	143,904	121,360	116,205	5,155	0	0	0	0	0
Doctor's	44,808	44,808	28,408	16,400	15,800	600	0	0	0	0	0
Men	25,028	25,028	16,107	8,921	8,688	233	0	0	0	0	0
Women	19,780	19,780	12,301	7,479	7,112	367	0	0	0	0	0
First-professional	80,057	80,057	32,247	47,810	47,301	509	0	0	0	0	0
Men	44,239	44,239	16,923	27,316	27,026	290	0	0	0	0	0
Women	35,818	35,818	15,324	20,494	20,275	219	0	0	0	0	0

—Not applicable.

[1] Includes nondegree-granting institutions with nonaccredited degree programs.

[2] Preliminary data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

[3] Preliminary data are for institutions that did not offer accredited 4-year or 2-year degree programs, but were participating in Title IV federal financial aid programs. Includes some schools with nonaccredited degree programs

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," "Staff," and "Completions" surveys. (This table was prepared November 2001.)

Table 171.—Historical summary of faculty, students, degrees, and finances in degree-granting institutions: 1869–70 to 1999–2000

Item	1869–70	1879–80	1889–90	1899–1900	1909–10	1919–20	1929–30	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Total institutions[1]	**563**	**811**	**998**	**977**	**951**	**1,041**	**1,409**	**1,708**	**1,851**	**2,004**	**2,525**	**3,152**	**3,535**	**4,048**	**4,084**
Total faculty[2]	[3]5,553	[3]11,522	[3]15,809	23,868	36,480	48,615	82,386	146,929	246,722	380,554	[4]450,000	[4]675,000	[5]824,220	—	1,027,830
Men	[3]4,887	[3]7,328	[3]12,704	19,151	29,132	35,807	60,017	106,328	186,189	296,773	[4]346,000	[4]479,000	[5]577,298	—	602,469
Women	[3]666	[3]4,194	[3]3,105	4,717	7,348	12,808	22,369	40,601	60,533	83,781	[4]104,000	[4]196,000	[5]246,922	—	425,361
Total fall enrollment[6]	[3]52,286	[3]115,817	[3]156,756	237,592	[3]355,213	597,880	1,100,737	1,494,203	2,659,021	3,639,847	8,004,660	11,569,899	13,538,560	14,506,967	14,791,224
Men	[3]41,160	[3]77,972	[3]100,453	152,254	[3]214,648	314,938	619,935	893,250	1,853,068	2,332,617	4,746,201	5,682,877	6,190,015	6,369,265	6,490,646
Women	[3]11,126	[3]37,845	[3]56,303	85,338	[3]140,565	282,942	480,802	600,953	805,953	1,307,230	3,258,459	5,887,022	7,348,545	8,137,702	8,300,578
Earned degrees conferred															
Associate, total	—	—	—	—	—	—	—	—	—	—	206,023	400,910	455,102	559,954	564,933
Men	—	—	—	—	—	—	—	—	—	—	117,432	183,737	191,195	218,417	224,721
Women	—	—	—	—	—	—	—	—	—	—	88,591	217,173	263,907	341,537	340,212
Bachelor's, total[7]	9,371	12,896	15,539	27,410	37,199	48,622	122,484	186,500	432,058	392,440	792,316	929,417	1,051,344	1,200,303	1,237,875
Men	7,993	10,411	12,857	22,173	28,762	31,980	73,615	109,546	328,841	254,063	451,097	473,611	491,696	518,746	530,367
Women	1,378	2,485	2,682	5,237	8,437	16,642	48,869	76,954	103,217	138,377	341,219	455,806	559,648	681,557	707,508
Master's, total[8]	0	879	1,015	1,583	2,113	4,279	14,969	26,731	58,183	74,435	208,291	298,081	324,301	439,986	457,056
Men	0	868	821	1,280	1,555	2,985	8,925	16,508	41,220	50,898	125,624	150,749	153,653	186,148	191,792
Women	0	11	194	303	558	1,294	6,044	10,223	16,963	23,537	82,667	147,332	170,648	253,838	265,264
First-professional[7]	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	34,918	70,131	70,988	78,439	80,057
Men	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	33,077	52,716	43,961	44,339	44,239
Women	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	1,841	17,415	27,027	34,100	35,818
Doctor's, total	1	54	149	382	443	615	2,299	3,290	6,420	9,829	29,866	32,615	38,371	44,077	44,808
Men	1	51	147	359	399	522	1,946	2,861	5,804	8,801	25,890	22,943	24,401	25,146	25,028
Women	0	3	2	23	44	93	353	429	616	1,028	3,976	9,672	13,970	18,931	19,780
Finances, in thousands															
Current-fund revenue	—	—	—	—	$76,883	$199,922	$554,511	$715,211	$2,374,645	$5,785,537	$21,515,242	$58,519,982	$139,635,477	—	—
Educational and general income	—	—	$21,464	$35,084	67,917	172,929	483,065	571,288	1,833,845	4,688,352	16,486,177	—	—	—	—
Current-fund expenditures	—	—	—	—	—	—	507,142	674,688	2,245,661	5,601,376	21,043,113	56,913,588	134,655,571	—	—
Educational and general expenditures	—	—	—	—	—	—	377,903	521,990	1,706,444	4,685,258	16,845,212	44,542,843	105,585,076	—	—
Value of physical property	—	—	95,426	253,599	457,594	747,333	2,065,049	[9]2,753,780	4,799,964	13,548,548	42,093,580	83,733,387	164,635,000	—	—
Market value of endowment funds	—	—	[10]78,788	[10]194,998	[10]323,661	[10]569,071	[10]1,372,068	[10]1,686,283	[10]2,601,223	[10]5,322,080	11,206,632	20,743,045	67,978,726	—	—

—Not available.

[1] Prior to 1979–80, excludes branch campuses.

[2] Total number of different individuals (not reduced to full-time equivalent). Beginning in 1959–60, data are for the first term of the academic year. Beginning in 1969–70, data include only instructional faculty with the rank of instructor or above.

[3] Estimated.

[4] Estimated number of senior instructional staff. Excludes graduate assistants.

[5] Because of revised survey procedures, data may not be directly comparable with figures prior to 1989–90.

[6] Data for 1869–70 to 1949–50 are for resident degree-credit students who enrolled at any time during the academic year.

[7] From 1869–70 to 1959–60, first-professional degrees included under bachelor's degrees.

[8] Figures for years prior to 1969–70 are not precisely comparable with later data.

[9] Includes unexpended plant funds.

[10] Book value. Includes other nonexpendable funds.

NOTE: Data for 1869–70 to 1989–90 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States*; *Education Directory, Colleges and Universities*; *Faculty and Other Professional Staff in Institutions of Higher Education*; *Fall Enrollment in Colleges and Universities*; *Earned Degrees Conferred*; *Financial Statistics of Institutions of Higher Education*; and Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education," "Degrees and Other Formal Awards Conferred," and "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," "Completions," "Staff," and "Finance" surveys. (This table was prepared September 2001.)

Table 172.—Total fall enrollment in degree-granting institutions, by attendance status, sex of student, and control of institution: 1947 to 1999

Year	Total enrollment	Attendance status		Sex of student		Control of institution			
							Private		
		Full-time	Part-time	Men	Women	Public	Total	Not-for-profit	For-profit
1	2	3	4	5	6	7	8	9	10
	Institutions of higher education[1]								
1947[2]	2,338,226	—	—	1,659,249	678,977	1,152,377	1,185,849	—	—
1948[2]	2,403,396	—	—	1,709,367	694,029	1,185,588	1,217,808	—	—
1949[2]	2,444,900	—	—	1,721,572	723,328	1,207,151	1,237,749	—	—
1950[2]	2,281,298	—	—	1,560,392	720,906	1,139,699	1,141,599	—	—
1951[2]	2,101,962	—	—	1,390,740	711,222	1,037,938	1,064,024	—	—
1952[2]	2,134,242	—	—	1,380,357	753,885	1,101,240	1,033,002	—	—
1953[2]	2,231,054	—	—	1,422,598	808,456	1,185,876	1,045,178	—	—
1954[2]	2,446,693	—	—	1,563,382	883,311	1,353,531	1,093,162	—	—
1955[2]	2,653,034	—	—	1,733,184	919,850	1,476,282	1,176,752	—	—
1956[2]	2,918,212	—	—	1,911,458	1,006,754	1,656,402	1,261,810	—	—
1957	3,323,783	—	—	2,170,765	1,153,018	1,972,673	1,351,110	—	—
1959	3,639,847	2,421,016	[3] 1,218,831	2,332,617	1,307,230	2,180,982	1,458,865	—	—
1961	4,145,065	2,785,133	[3] 1,359,932	2,585,821	1,559,244	2,561,447	1,583,618	—	—
1963	4,779,609	3,183,833	[3] 1,595,776	2,961,540	1,818,069	3,081,279	1,698,330	—	—
1964	5,280,020	3,573,238	[3] 1,706,782	3,248,713	2,031,307	3,467,708	1,812,312	—	—
1965	5,920,864	4,095,728	[3] 1,825,136	3,630,020	2,290,844	3,969,596	1,951,268	—	—
1966	6,389,872	4,438,606	[3] 1,951,266	3,856,216	2,533,656	4,348,917	2,040,955	—	—
1967	6,911,748	4,793,128	[3] 2,118,620	4,132,800	2,778,948	4,816,028	2,095,720	—	—
1968	7,513,091	5,210,155	2,302,936	4,477,649	3,035,442	5,430,652	2,082,439	—	—
1969	8,004,660	5,498,883	2,505,777	4,746,201	3,258,459	5,896,868	2,107,792	—	—
1970	8,580,887	5,816,290	2,764,597	5,043,642	3,537,245	6,428,134	2,152,753	—	—
1971	8,948,644	6,077,232	2,871,412	5,207,004	3,741,640	6,804,309	2,144,335	—	—
1972	9,214,820	6,072,350	3,142,470	5,238,718	3,976,102	7,070,635	2,144,185	—	—
1973	9,602,123	6,189,493	3,412,630	5,371,052	4,231,071	7,419,516	2,182,607	—	—
1974	10,223,729	6,370,273	3,853,456	5,622,429	4,601,300	7,988,500	2,235,229	—	—
1975	11,184,859	6,841,334	4,343,525	6,148,997	5,035,862	8,834,508	2,350,351	—	—
1976	11,012,137	6,717,058	4,295,079	5,810,828	5,201,309	8,653,477	2,358,660	2,314,298	44,362
1977	11,285,787	6,792,925	4,492,862	5,789,016	5,496,771	8,846,993	2,438,794	2,386,652	52,142
1978	11,260,092	6,667,657	4,592,435	5,640,998	5,619,094	8,785,893	2,474,199	2,408,331	65,868
1979	11,569,899	6,794,039	4,775,860	5,682,877	5,887,022	9,036,822	2,533,077	2,461,773	71,304
1980	12,096,895	7,097,958	4,998,937	5,874,374	6,222,521	9,457,394	2,639,501	2,527,787	[4] 111,714
1981	12,371,672	7,181,250	5,190,422	5,975,056	6,396,616	9,647,032	2,724,640	2,572,405	[4] 152,235
1982	12,425,780	7,220,618	5,205,162	6,031,384	6,394,396	9,696,087	2,729,693	2,552,739	[4] 176,954
1983	12,464,661	7,261,050	5,203,611	6,023,725	6,440,936	9,682,734	2,781,927	2,589,187	192,740
1984	12,241,940	7,098,388	5,143,552	5,863,574	6,378,366	9,477,370	2,764,570	2,574,419	190,151
1985	12,247,055	7,075,221	5,171,834	5,818,450	6,428,605	9,479,273	2,767,782	2,571,791	195,991
1986	12,503,511	7,119,550	5,383,961	5,884,515	6,618,996	9,713,893	2,789,618	2,572,479	[5] 217,139
1987	12,766,642	7,231,085	5,535,557	5,932,056	6,834,586	9,973,254	2,793,388	2,602,350	[5] 191,038
1988	13,055,337	7,436,768	5,618,569	6,001,896	7,053,441	10,161,388	2,893,949	2,673,567	220,382
1989	13,538,560	7,660,950	5,877,610	6,190,015	7,348,545	10,577,963	2,960,597	2,731,174	229,423
1990	13,818,637	7,820,985	5,997,652	6,283,909	7,534,728	10,844,717	2,973,920	2,760,227	213,693
1991	14,358,953	8,115,329	6,243,624	6,501,844	7,857,109	11,309,563	3,049,390	2,819,041	230,349
1992	14,487,359	8,162,118	6,325,241	6,523,989	7,963,370	11,384,567	3,102,792	2,872,523	230,269
1993	14,304,803	8,127,618	6,177,185	6,427,450	7,877,353	11,189,088	3,115,715	2,888,897	226,818
1994	14,278,790	8,137,776	6,141,014	6,371,898	7,906,892	11,133,680	3,145,110	2,910,107	235,003
1995	14,261,781	8,128,802	6,132,979	6,342,539	7,919,242	11,092,374	3,169,407	2,929,044	240,363
1996	14,300,255	8,213,490	6,086,765	6,343,992	7,956,263	11,090,171	3,210,084	2,940,557	269,527
1997	14,345,416	8,322,362	6,023,054	6,329,960	8,015,456	11,146,155	3,199,261	2,961,714	237,547
	Degree-granting institutions[6]								
1996	14,367,520	8,302,953	6,064,567	6,352,825	8,014,695	11,120,499	3,247,021	2,942,556	304,465
1997	14,502,334	8,438,062	6,064,272	6,396,028	8,106,306	11,196,119	3,306,215	2,977,614	328,601
1998[7]	14,506,967	8,563,338	5,943,629	6,369,265	8,137,702	11,137,769	3,369,198	3,004,925	364,273
1999[8]	14,791,224	8,786,494	6,004,730	6,490,646	8,300,578	11,309,399	3,481,825	3,051,626	430,199

—Not available.

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Degree-credit enrollment only.

[3] Includes part-time resident students and all extension students.

[4] Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

[5] Because of imputation techniques, data are not consistent with figures for other years.

[6] Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

[7] Data revised from previously published figures.

[8] Data imputed using alternative methods. (See *Guide to Sources* for details.)

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NOTE: Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. As of 1996, the Department has been collecting data from Title IV participants. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001.)

Table 173.—Total fall enrollment in degree-granting institutions, by control and type of institution: 1965 to 1999

Year	All institutions					Public institutions					Private institutions				
	Total	4-year			2-year	Total	4-year			2-year	Total	4-year			2-year
		Total	University	Other 4-year			Total	University	Other 4-year			Total	University	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Institutions of higher education[1]														
1965[2]	5,920,864	4,747,912	—	—	1,172,952	3,969,596	2,928,332	—	—	1,041,264	1,951,268	1,819,580	—	—	131,688
1966[2]	6,389,872	5,063,902	—	—	1,325,970	4,348,917	3,159,748	—	—	1,189,169	2,040,955	1,904,154	—	—	136,801
1967[2]	6,911,748	5,398,986	—	—	1,512,762	4,816,028	3,443,975	—	—	1,372,053	2,095,720	1,955,011	—	—	140,709
1968[2]	7,513,091	5,720,795	—	—	1,792,296	5,430,652	3,784,178	—	—	1,646,474	2,082,439	1,936,617	—	—	145,822
1969	8,004,660	5,937,127	—	—	2,067,533	5,896,868	3,962,522	—	—	1,934,346	2,107,792	1,974,605	—	—	133,187
1970	8,580,887	6,261,502	—	—	2,319,385	6,428,134	4,232,722	—	—	2,195,412	2,152,753	2,028,780	—	—	123,973
1971	8,948,644	6,369,355	—	—	2,579,289	6,804,309	4,346,990	—	—	2,457,319	2,144,335	2,022,365	—	—	121,970
1972	9,214,820	6,458,634	—	—	2,756,186	7,070,635	4,429,696	—	—	2,640,939	2,144,185	2,028,938	—	—	115,247
1973	9,602,123	6,590,023	—	—	3,012,100	7,419,516	4,529,895	—	—	2,889,621	2,182,607	2,060,128	—	—	122,479
1974	10,223,729	6,819,735	—	—	3,403,994	7,988,500	4,703,018	—	—	3,285,482	2,235,229	2,116,717	—	—	118,512
1975	11,184,859	7,214,740	2,838,266	4,376,474	3,970,119	8,834,508	4,998,142	2,124,221	2,873,921	3,836,366	2,350,351	2,216,598	714,045	1,502,553	133,753
1976	11,012,137	7,128,816	2,780,289	4,348,527	3,883,321	8,653,477	4,901,691	2,079,929	2,821,762	3,751,786	2,358,660	2,227,125	700,360	1,526,765	131,535
1977	11,285,787	7,242,845	2,793,418	4,449,427	4,042,942	8,846,993	4,945,224	2,070,032	2,875,192	3,901,769	2,438,794	2,297,621	723,386	1,574,235	141,173
1978	11,260,092	7,231,625	2,780,729	4,451,222	4,028,467	8,785,893	4,912,203	2,062,295	2,849,908	3,873,690	2,474,199	2,319,422	718,434	1,601,314	154,777
1979	11,569,899	7,353,233	2,839,582	4,513,651	4,216,666	9,036,822	4,980,012	2,099,525	2,880,487	4,056,810	2,533,077	2,373,221	740,057	1,633,164	159,856
1980	12,096,895	7,570,608	2,902,014	4,668,594	4,526,287	9,457,394	5,128,612	2,154,283	2,974,329	4,328,782	2,639,501	2,441,996	747,731	1,694,265	[3]197,505
1981	12,371,672	7,655,461	2,901,344	4,754,117	4,716,211	9,647,032	5,166,324	2,152,474	3,013,850	4,480,708	2,724,640	2,489,137	748,870	1,740,267	[3]235,503
1982	12,425,780	7,654,074	2,883,735	4,770,339	4,771,706	9,696,087	5,176,434	2,152,547	3,023,887	4,519,653	2,729,693	2,477,640	731,188	1,746,452	252,053
1983	12,464,661	7,741,195	2,888,813	4,852,382	4,723,466	9,682,734	5,223,404	2,154,790	3,068,614	4,459,330	2,781,927	2,517,791	734,023	1,783,768	264,136
1984	12,241,940	7,711,167	2,870,329	4,840,838	4,530,773	9,477,370	5,198,273	2,138,621	3,059,652	4,279,097	2,764,570	2,512,894	731,708	1,781,186	251,676
1985	12,247,055	7,715,978	2,870,692	4,845,286	4,531,077	9,479,273	5,209,540	2,141,112	3,068,428	4,269,733	2,767,782	2,506,438	729,580	1,776,858	261,344
1986	12,503,511	7,823,963	2,897,207	4,926,756	4,679,548	9,713,893	5,300,202	2,160,646	3,139,556	4,413,691	2,789,618	2,523,761	736,561	1,787,200	[4]265,857
1987	12,766,642	7,990,420	2,929,327	5,061,093	4,776,222	9,973,254	5,432,200	2,188,008	3,244,192	4,541,054	2,793,388	2,558,220	741,319	1,816,901	[4]235,168
1988	13,055,337	8,180,182	2,978,593	5,201,589	4,875,155	10,161,388	5,545,901	2,229,868	3,316,033	4,615,487	2,893,949	2,634,281	748,725	1,885,556	259,668
1989	13,538,560	8,387,671	3,019,115	5,368,556	5,150,889	10,577,963	5,694,303	2,266,056	3,428,247	4,883,660	2,960,597	2,693,368	753,059	1,940,309	267,229
1990	13,818,637	8,578,554	3,044,670	5,533,884	5,240,083	10,844,717	5,848,242	2,290,464	3,557,778	4,996,475	2,973,920	2,730,312	754,206	1,976,106	243,608
1991	14,358,953	8,707,053	3,065,429	5,641,624	5,651,900	11,309,563	5,904,748	2,301,222	3,603,526	5,404,815	3,049,390	2,802,305	764,207	2,038,098	247,085
1992	14,487,359	8,764,969	3,050,345	5,714,624	5,722,390	11,384,567	5,900,012	2,283,834	3,616,178	5,484,555	3,102,792	2,864,957	766,511	2,098,446	237,835
1993	14,304,803	8,738,936	3,022,728	5,716,208	5,565,867	11,189,088	5,851,760	2,259,692	3,592,068	5,337,328	3,115,715	2,887,176	763,036	2,124,140	228,539
1994	14,278,790	8,749,080	3,009,072	5,740,008	5,529,710	11,133,680	5,825,213	2,244,636	3,580,577	5,308,467	3,145,110	2,923,867	764,436	2,159,431	221,243
1995	14,261,781	8,769,252	2,999,641	5,769,611	5,492,529	11,092,374	5,814,545	2,235,939	3,578,606	5,277,829	3,169,407	2,954,707	763,702	2,191,005	214,700
1996	14,300,255	8,802,835	2,984,965	5,817,870	5,497,420	11,090,171	5,806,904	2,226,529	3,580,375	5,283,267	3,210,084	2,995,931	758,436	2,237,495	214,153
1997	14,345,416	8,874,676	2,995,886	5,878,790	5,470,740	11,146,155	5,834,525	2,231,273	3,603,252	5,311,630	3,199,261	3,040,151	764,613	2,275,538	159,110
	Degree-granting institutions[5]														
1996	14,367,520	8,804,193	2,984,965	5,819,228	5,563,327	11,120,499	5,806,036	2,226,529	3,579,507	5,314,463	3,247,021	2,998,157	758,436	2,239,721	248,864
1997	14,502,334	8,896,765	2,995,886	5,900,879	5,605,569	11,196,119	5,835,433	2,231,273	3,604,160	5,360,686	3,306,215	3,061,332	764,613	2,296,719	244,883
1998[6]	14,506,967	9,017,653	3,021,136	5,996,517	5,489,314	11,137,769	5,891,806	2,249,825	3,641,981	5,245,963	3,369,198	3,125,847	771,311	2,354,536	243,351
1999[7]	14,791,224	9,198,525	3,044,369	6,154,156	5,592,699	11,309,399	5,969,950	2,266,494	3,703,456	5,339,449	3,481,825	3,228,575	777,875	2,450,700	253,250

—Not available.

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Data for 2-year branch campuses of 4-year institutions are included with the 4-year institutions.

[3] Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

[4] Because of imputation techniques, data are not consistent with figures for other years.

[5] Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

[6] Data revised from previously published figures.

[7] Data imputed using alternative methods. (See *Guide to Sources* for details.)

NOTE: Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared July 2001.)

Table 174.—Total fall enrollment in degree-granting institutions, by attendance status, sex, and age: 1970 to 2011

[In thousands]

Sex and age	1970[1]	1975[1]	1980[1]	1990[1]	1995[1]	1996[1]	1997[1]	1998[2]	1999[2]	Projected[2]			
										2000	2001	2010	2011
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Men and women, total	**8,581**	**11,185**	**12,097**	**13,819**	**14,262**	**14,300**	**14,345**	**14,507**	**14,791**	**14,979**	**15,300**	**17,457**	**17,688**
14 to 17 years old	259	278	247	177	148	229	168	119	143	172	170	224	224
18 and 19 years old	2,600	2,786	2,901	2,950	2,894	3,004	3,014	3,382	3,414	3,458	3,543	4,136	4,111
20 and 21 years old	1,880	2,243	2,424	2,761	2,705	2,643	2,843	2,811	2,989	3,017	3,101	3,615	3,716
22 to 24 years old	1,457	1,753	1,989	2,144	2,411	2,316	2,453	2,377	2,435	2,395	2,457	2,862	2,928
25 to 29 years old	1,074	1,774	1,871	1,982	2,120	2,124	1,981	1,991	1,870	1,867	1,863	2,316	2,355
30 to 34 years old	487	967	1,243	1,322	1,236	1,194	1,098	1,195	1,145	1,185	1,223	1,356	1,405
35 years old and over	823	1,383	1,421	2,484	2,747	2,790	2,790	2,632	2,796	2,885	2,943	2,948	2,948
Men	5,044	6,149	5,874	6,284	6,343	6,344	6,330	6,369	6,491	6,538	6,644	7,325	7,401
14 to 17 years old	130	126	99	87	61	92	55	45	72	94	89	109	108
18 and 19 years old	1,349	1,397	1,375	1,421	1,338	1,342	1,392	1,535	1,541	1,551	1,585	1,797	1,783
20 and 21 years old	1,095	1,245	1,259	1,368	1,282	1,224	1,359	1,374	1,392	1,420	1,450	1,625	1,665
22 to 24 years old	964	1,047	1,064	1,107	1,153	1,175	1,190	1,127	1,090	1,091	1,136	1,319	1,346
25 to 29 years old	783	1,122	993	940	962	993	964	908	874	865	861	1,038	1,051
30 to 34 years old	308	557	576	537	561	480	439	463	517	521	531	543	559
35 years old and over	415	654	507	824	986	1,039	931	917	1,005	997	992	894	889
Women	3,537	5,036	6,223	7,535	7,919	7,956	8,015	8,138	8,301	8,441	8,656	10,132	10,287
14 to 17 years old	129	152	148	90	87	137	113	74	72	78	81	115	116
18 and 19 years old	1,250	1,389	1,526	1,529	1,557	1,662	1,622	1,847	1,874	1,907	1,958	2,338	2,328
20 and 21 years old	786	998	1,165	1,392	1,424	1,419	1,484	1,437	1,597	1,597	1,651	1,990	2,052
22 to 24 years old	493	706	925	1,037	1,258	1,141	1,263	1,250	1,344	1,305	1,321	1,543	1,583
25 to 29 years old	291	652	878	1,043	1,159	1,131	1,017	1,083	995	1,002	1,002	1,278	1,304
30 to 34 years old	179	410	667	784	675	714	659	732	627	664	692	813	846
35 years old and over	409	729	914	1,659	1,760	1,752	1,859	1,715	1,791	1,888	1,951	2,054	2,059
Full-time	5,816	6,841	7,098	7,821	8,129	8,213	8,322	8,563	8,786	8,797	9,035	10,586	10,747
14 to 17 years old	242	253	223	144	123	164	120	93	129	136	143	188	189
18 and 19 years old	2,406	2,619	2,669	2,548	2,387	2,516	2,492	2,794	2,848	2,857	2,956	3,556	3,540
20 and 21 years old	1,647	1,910	2,075	2,151	2,109	2,098	2,248	2,271	2,362	2,400	2,492	2,962	3,049
22 to 24 years old	881	924	1,121	1,350	1,517	1,586	1,590	1,564	1,662	1,613	1,642	1,890	1,937
25 to 29 years old	407	630	577	770	908	902	886	890	854	811	795	960	980
30 to 34 years old	100	264	251	387	430	379	371	367	338	372	391	427	445
35 years old and over	134	241	182	471	653	568	616	584	593	608	615	602	606
Men	3,505	3,927	3,689	3,808	3,807	3,816	3,839	3,934	4,026	4,005	4,091	4,627	4,682
14 to 17 years old	124	114	87	71	54	71	46	39	63	69	74	90	90
18 and 19 years old	1,265	1,329	1,270	1,230	1,091	1,111	1,134	1,240	1,271	1,271	1,308	1,523	1,513
20 and 21 years old	990	1,074	1,109	1,055	999	961	1,061	1,129	1,125	1,144	1,171	1,321	1,354
22 to 24 years old	650	633	665	742	789	853	762	777	788	761	779	895	914
25 to 29 years old	327	445	360	401	454	440	470	424	416	401	396	461	468
30 to 34 years old	72	181	124	156	183	143	158	141	149	155	162	167	172
35 years old and over	75	149	74	152	238	237	207	184	213	204	201	171	171
Women	2,311	2,915	3,409	4,013	4,321	4,398	4,483	4,630	4,761	4,792	4,945	5,959	6,065
14 to 17 years old	117	138	136	73	69	93	74	54	66	67	69	98	100
18 and 19 years old	1,140	1,290	1,399	1,318	1,296	1,405	1,358	1,555	1,577	1,585	1,648	2,033	2,027
20 and 21 years old	657	835	966	1,096	1,111	1,137	1,187	1,142	1,237	1,256	1,321	1,642	1,695
22 to 24 years old	231	291	456	608	729	734	828	787	875	852	864	995	1,023
25 to 29 years old	80	185	217	369	455	462	416	466	437	410	399	500	513
30 to 34 years old	28	83	127	231	247	236	213	226	190	218	229	261	272
35 years old and over	59	92	108	319	415	331	409	400	380	403	414	431	435
Part-time	2,765	4,344	4,999	5,998	6,133	6,087	6,023	5,944	6,005	6,182	6,265	6,871	6,942
14 to 17 years old	17	42	38	32	25	65	47	26	14	36	27	35	35
18 and 19 years old	194	340	418	402	507	488	522	588	566	602	587	580	571
20 and 21 years old	233	447	441	610	596	544	595	540	627	617	609	653	667
22 to 24 years old	576	717	844	794	894	729	863	813	772	782	815	973	991
25 to 29 years old	668	1,032	1,209	1,213	1,212	1,222	1,095	1,101	1,016	1,055	1,067	1,356	1,374
30 to 34 years old	388	670	905	935	805	815	727	828	806	813	831	928	961
35 years old and over	689	1,098	1,145	2,012	2,093	2,222	2,174	2,048	2,203	2,278	2,328	2,346	2,342
Men	1,540	2,222	2,185	2,476	2,535	2,528	2,491	2,436	2,465	2,533	2,554	2,698	2,719
14 to 17 years old	5	18	17	16	7	21	9	5	8	25	15	19	19
18 and 19 years old	84	153	202	191	246	231	258	296	269	280	278	274	270
20 and 21 years old	105	219	201	313	283	263	298	245	267	276	279	304	311
22 to 24 years old	314	358	392	365	365	323	427	350	302	330	357	424	431
25 to 29 years old	456	631	594	539	508	553	494	485	458	464	465	577	583
30 to 34 years old	236	361	397	381	378	337	281	322	369	366	369	376	387
35 years old and over	340	486	382	672	748	801	724	733	791	793	791	723	718
Women	1,225	2,121	2,814	3,521	3,598	3,558	3,532	3,508	3,540	3,648	3,711	4,173	4,222
14 to 17 years old	12	24	20	17	18	45	39	21	6	11	12	16	16
18 and 19 years old	110	188	215	211	261	257	264	292	297	322	309	306	301
20 and 21 years old	128	228	240	297	313	282	297	295	360	341	330	349	357
22 to 24 years old	262	359	452	429	529	407	436	463	470	452	458	549	560
25 to 29 years old	212	401	616	674	704	669	601	617	558	591	603	779	791
30 to 34 years old	151	309	507	554	427	478	446	506	438	446	462	552	574
35 years old and over	349	612	762	1,340	1,345	1,421	1,450	1,315	1,411	1,485	1,537	1,623	1,623

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[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs. Some data have been revised from previously published figures.

NOTE: Distributions by age are estimates based on samples of the civilian noninstitutional population. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.) Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Fall Enrollment in Institutions of Higher Education*; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys; *Projections of Education Statistics to 2011*; and U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Social and Economic Characteristics of Students," various years. (This table was prepared July 2001.)

Table 175.—Total fall enrollment in degree-granting institutions, by level, sex, age, and attendance status of student: 1999

Attendance status and age of student	All levels			Undergraduate			First-professional			Graduate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	**14,791,224**	**6,490,646**	**8,300,578**	**12,681,231**	**5,559,457**	**7,121,774**	**303,190**	**165,134**	**138,056**	**1,806,803**	**766,055**	**1,040,748**
Under 18	384,050	156,547	227,503	383,879	156,467	227,412	23	5	18	148	75	73
18 and 19	3,181,505	1,412,654	1,768,851	3,180,477	1,412,267	1,768,210	589	199	390	439	188	251
20 and 21	2,872,827	1,307,392	1,565,435	2,851,647	1,298,990	1,552,657	8,702	3,296	5,406	12,478	5,106	7,372
22 to 24	2,337,641	1,118,993	1,218,648	1,966,041	963,239	1,002,802	105,976	52,688	53,288	265,624	103,066	162,558
25 to 29	2,032,502	941,305	1,091,197	1,372,136	630,729	741,407	113,402	65,732	47,670	546,964	244,844	302,120
30 to 34	1,156,537	507,667	648,870	808,791	331,969	476,822	33,140	20,356	12,784	314,606	155,342	159,264
35 to 39	887,709	348,054	539,655	672,012	247,940	424,072	15,224	8,907	6,317	200,473	91,207	109,266
40 to 49	1,190,706	412,446	778,260	879,723	300,088	579,635	15,217	7,975	7,242	295,766	104,383	191,383
50 to 64	441,861	153,520	288,341	323,171	113,230	209,941	4,667	2,220	2,447	114,023	38,070	75,953
65 and over	77,454	31,470	45,984	70,252	28,035	42,217	270	169	101	6,932	3,266	3,666
Age unknown	228,432	100,598	127,834	173,102	76,503	96,599	5,980	3,587	2,393	49,350	20,508	28,842
Full-time	8,786,494	4,025,721	4,760,773	7,735,075	3,515,869	4,219,206	270,581	146,613	123,968	780,838	363,239	417,599
Under 18	123,944	48,858	75,086	123,870	48,820	75,050	22	5	17	52	33	19
18 and 19	2,726,244	1,205,902	1,520,342	2,725,397	1,205,585	1,519,812	578	197	381	269	120	149
20 and 21	2,319,667	1,059,437	1,260,230	2,301,118	1,051,983	1,249,135	8,574	3,235	5,339	9,975	4,219	5,756
22 to 24	1,522,883	758,541	764,352	1,236,780	632,607	604,173	103,084	51,252	51,832	183,029	74,682	108,347
25 to 29	953,602	475,124	478,478	573,309	278,429	294,880	103,932	60,332	43,600	276,361	136,363	139,998
30 to 34	408,673	189,139	219,534	255,598	104,701	150,897	26,848	16,449	10,399	126,227	67,989	58,238
35 to 39	256,753	103,271	153,482	179,883	64,487	115,396	11,028	6,370	4,658	65,842	32,414	33,428
40 to 49	283,719	104,558	179,161	197,908	69,453	128,455	9,661	5,036	4,625	76,150	30,069	46,081
50 to 64	77,806	29,631	48,175	49,913	18,934	30,979	2,598	1,234	1,364	25,295	9,463	15,832
65 and over	6,850	3,352	3,498	5,007	2,403	2,604	140	93	47	1,703	856	847
Age unknown	106,343	47,908	58,435	86,292	38,467	47,825	4,116	2,410	1,706	15,935	7,031	8,904
Part-time	6,004,730	2,464,925	3,539,805	4,946,156	2,043,588	2,902,568	32,609	18,521	14,088	1,025,965	402,816	623,149
Under 18	260,106	107,689	152,417	260,009	107,647	152,362	1	0	1	96	42	54
18 and 19	455,261	206,752	248,509	455,080	206,682	248,398	11	2	9	170	68	102
20 and 21	553,160	247,955	305,205	550,529	247,007	303,522	128	61	67	2,503	887	1,616
22 to 24	814,748	360,452	454,296	729,261	330,632	398,629	2,892	1,436	1,456	82,595	28,384	54,211
25 to 29	1,078,900	466,181	612,719	798,827	352,300	446,527	9,470	5,400	4,070	270,603	108,481	162,122
30 to 34	747,864	318,528	429,336	553,193	227,268	325,925	6,292	3,907	2,385	188,379	87,353	101,026
35 to 39	630,956	244,783	386,173	492,129	183,453	308,676	4,196	2,537	1,659	134,631	58,793	75,838
40 to 49	906,987	307,888	599,099	681,815	230,635	451,180	5,556	2,939	2,617	219,616	74,314	145,302
50 to 64	364,055	123,889	240,166	273,258	94,296	178,962	2,069	986	1,083	88,728	28,607	60,121
65 and over	70,604	28,118	42,486	65,245	25,632	39,613	130	76	54	5,229	2,410	2,819
Age unknown	122,089	52,690	69,399	86,810	38,036	48,774	1,864	1,177	687	33,415	13,477	19,938
	Percentage distribution											
All students[1]	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under 18	2.6	2.4	2.7	3.0	2.8	3.2	(2)	(2)	(2)	(2)	(2)	(2)
18 and 19	21.5	21.8	21.3	25.1	25.4	24.8	0.2	0.1	0.3	(2)	(2)	(2)
20 and 21	19.4	20.1	18.9	22.5	23.4	21.8	2.9	2.0	3.9	0.7	0.7	0.7
22 to 24	15.8	17.2	14.7	15.5	17.3	14.1	35.0	31.9	38.6	14.7	13.5	15.6
25 to 29	13.7	14.5	13.1	10.8	11.3	10.4	37.4	39.8	34.5	30.3	32.0	29.0
30 to 34	7.8	7.8	7.8	6.4	6.0	6.7	10.9	12.3	9.3	17.4	20.3	15.3
35 to 39	6.0	5.4	6.5	5.3	4.5	6.0	5.0	5.4	4.6	11.1	11.9	10.5
40 to 49	8.1	6.4	9.4	6.9	5.4	8.1	5.0	4.8	5.2	16.4	13.6	18.4
50 to 64	3.0	2.4	3.5	2.5	2.0	2.9	1.5	1.3	1.8	6.3	5.0	7.3
65 and over	0.5	0.5	0.6	0.6	0.5	0.6	0.1	0.1	0.1	0.4	0.4	0.4
Age unknown	1.5	1.5	1.5	1.4	1.4	1.4	2.0	2.2	1.7	2.7	2.7	2.8
Full-time	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	1.4	1.2	1.6	1.6	1.4	1.8	(2)	(2)	(2)	(2)	(2)	(2)
18 and 19	31.0	30.0	31.9	35.2	34.3	36.0	0.2	0.1	0.3	(2)	(2)	(2)
20 and 21	26.4	26.3	26.5	29.7	29.9	29.6	3.2	2.2	4.3	1.3	1.2	1.4
22 to 24	17.3	18.8	16.1	16.0	18.0	14.3	38.1	35.0	41.8	23.4	20.6	25.9
25 to 29	10.9	11.8	10.1	7.4	7.9	7.0	38.4	41.2	35.2	35.4	37.5	33.5
30 to 34	4.7	4.7	4.6	3.3	3.0	3.6	9.9	11.2	8.4	16.2	18.7	13.9
35 to 39	2.9	2.6	3.2	2.3	1.8	2.7	4.1	4.3	3.8	8.4	8.9	8.0
40 to 49	3.2	2.6	3.8	2.6	2.0	3.0	3.6	3.4	3.7	9.8	8.3	11.0
50 to 64	0.9	0.7	1.0	0.6	0.5	0.7	1.0	0.8	1.1	3.2	2.6	3.8
65 and over	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.2	0.2	0.2
Age unknown	1.2	1.2	1.2	1.1	1.1	1.1	1.5	1.6	1.4	2.0	1.9	2.1
Part-time	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	4.3	4.4	4.3	5.3	5.3	5.2	(2)	(2)	(2)	(2)	(2)	(2)
18 and 19	7.6	8.4	7.0	9.2	10.1	8.6	(2)	(2)	0.1	(2)	(2)	(2)
20 and 21	9.2	10.1	8.6	11.1	12.1	10.5	0.4	0.3	0.5	0.2	0.2	0.3
22 to 24	13.6	14.6	12.8	14.7	16.2	13.7	8.9	7.8	10.3	8.1	7.0	8.7
25 to 29	18.0	18.9	17.3	16.2	17.2	15.4	29.0	29.2	28.9	26.4	26.9	26.0
30 to 34	12.5	12.9	12.1	11.2	11.1	11.2	19.3	21.1	16.9	18.4	21.7	16.2
35 to 39	10.5	9.9	10.9	9.9	9.0	10.6	12.9	13.7	11.8	13.1	14.6	12.2
40 to 49	15.1	12.5	16.9	13.8	11.3	15.5	17.0	15.9	18.6	21.4	18.4	23.3
50 to 64	6.1	5.0	6.8	5.5	4.6	6.2	6.3	5.3	7.7	8.6	7.1	9.6
65 and over	1.2	1.1	1.2	1.3	1.3	1.4	0.4	0.4	0.4	0.5	0.6	0.5
Age unknown	2.0	2.1	2.0	1.8	1.9	1.7	5.7	6.4	4.9	3.3	3.3	3.2

[1] Detail may not sum to totals due to rounding.

[2] Less than .05 percent.

NOTE: Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs. Totals may differ from figures reported in other tables because of varying survey methodologies. Data imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment, 1999" survey. (This table was prepared May 2001.)

Table 176.—Total fall enrollment in degree-granting institutions, by type and control of institution, and age and attendance status of student: 1999

Attendance status and age of student	All institutions			Public institutions			Private institutions		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
All students	**14,791,224**	**9,198,525**	**5,592,699**	**11,309,399**	**5,969,950**	**5,339,449**	**3,481,825**	**3,228,575**	**253,250**
Under 18	384,050	141,448	242,602	327,739	88,961	238,778	56,311	52,487	3,824
18 and 19	3,181,505	2,009,338	1,172,167	2,450,381	1,335,355	1,115,026	731,124	673,983	57,141
20 and 21	2,872,827	1,988,033	884,794	2,150,997	1,347,608	843,389	681,830	640,425	41,405
22 to 24	2,337,641	1,617,692	719,949	1,847,353	1,165,268	682,085	490,288	452,424	37,864
25 to 29	2,032,502	1,308,181	724,321	1,524,915	838,097	686,818	507,587	470,084	37,503
30 to 34	1,156,537	673,099	483,438	866,533	404,425	462,108	290,004	268,674	21,330
35 to 39	887,709	465,430	422,279	674,386	266,687	407,699	213,323	198,743	14,580
40 to 49	1,190,706	628,682	562,024	912,407	365,433	546,974	278,299	263,249	15,050
50 to 64	441,861	208,415	233,446	351,598	122,299	229,299	90,263	86,116	4,147
65 and over	77,454	18,575	58,879	71,615	12,977	58,638	5,839	5,598	241
Age unknown	228,432	139,632	88,800	91,475	22,840	68,635	136,957	116,792	20,165
Full-time	8,786,494	6,642,033	2,144,461	6,224,114	4,292,863	1,931,251	2,562,380	2,349,170	213,210
Under 18	123,944	76,400	47,544	91,463	47,127	44,336	32,481	29,273	3,208
18 and 19	2,726,244	1,925,433	800,811	2,013,199	1,266,908	746,291	713,045	658,525	54,520
20 and 21	2,319,667	1,844,549	475,118	1,670,686	1,232,222	438,464	648,981	612,327	36,654
22 to 24	1,522,893	1,259,820	263,073	1,129,291	897,755	231,536	393,602	362,065	31,537
25 to 29	953,602	747,826	205,776	638,442	462,030	176,412	315,160	285,796	29,364
30 to 34	408,673	298,104	110,569	264,133	169,483	94,650	144,540	128,621	15,919
35 to 39	256,753	173,535	83,218	161,829	89,140	72,689	94,924	84,395	10,529
40 to 49	283,719	192,420	91,299	175,759	94,816	80,943	107,960	97,604	10,356
50 to 64	77,806	51,336	26,470	47,217	23,634	23,583	30,589	27,702	2,887
65 and over	6,850	4,341	2,509	4,515	2,187	2,328	2,335	2,154	181
Age unknown	106,343	68,269	38,074	27,580	7,561	20,019	78,763	60,708	18,055
Part-time	6,004,730	2,556,492	3,448,238	5,085,285	1,677,087	3,408,198	919,445	879,405	40,040
Under 18	260,106	65,048	195,058	236,276	41,834	194,442	23,830	23,214	616
18 and 19	455,261	83,905	371,356	437,182	68,447	368,735	18,079	15,458	2,621
20 and 21	553,160	143,484	409,676	520,311	115,386	404,925	32,849	28,098	4,751
22 to 24	814,748	357,872	456,876	718,062	267,513	450,549	96,686	90,359	6,327
25 to 29	1,078,900	560,355	518,545	886,473	376,067	510,406	192,427	184,288	8,139
30 to 34	747,864	374,995	372,869	602,400	234,942	367,458	145,464	140,053	5,411
35 to 39	630,956	291,895	339,061	512,557	177,547	335,010	118,399	114,348	4,051
40 to 49	906,987	436,262	470,725	736,648	270,817	466,031	170,339	165,645	4,694
50 to 64	364,055	157,079	206,976	304,381	98,665	205,716	59,674	58,414	1,260
65 and over	70,604	14,234	56,370	67,100	10,790	56,310	3,504	3,444	60
Age unknown	122,089	71,363	50,726	63,895	15,279	48,616	58,194	56,084	2,110
	Percentage distribution								
All students	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under 18	2.6	1.5	4.3	2.9	1.5	4.5	1.6	1.6	1.5
18 and 19	21.5	21.8	21.0	21.7	22.4	20.9	21.0	20.9	22.6
20 and 21	19.4	21.6	15.8	19.4	22.6	15.8	19.6	19.8	16.3
22 to 24	15.8	17.6	12.9	16.3	19.5	12.8	14.1	14.0	15.0
25 to 29	13.7	14.2	13.0	13.5	14.0	12.9	14.6	14.6	14.8
30 to 34	7.8	7.3	8.6	7.7	6.8	8.7	8.3	8.3	8.4
35 to 39	6.0	5.1	7.6	6.0	4.5	7.6	6.1	6.2	5.8
40 to 49	8.1	6.8	10.0	8.1	6.1	10.2	8.0	8.2	5.9
50 to 64	3.0	2.3	4.2	3.1	2.0	4.3	2.6	2.7	1.6
65 and over	0.5	0.2	1.1	0.6	0.2	1.1	0.2	0.2	0.1
Age unknown	1.5	1.5	1.6	0.8	0.4	1.3	3.9	3.6	8.0
Full-time	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	1.4	1.2	2.2	1.5	1.1	2.3	1.3	1.2	1.5
18 and 19	31.0	29.0	37.3	32.3	29.5	38.6	27.8	28.0	25.6
20 and 21	26.4	27.8	22.2	26.8	28.7	22.7	25.3	26.1	17.2
22 to 24	17.3	19.0	12.3	18.1	20.9	12.0	15.4	15.4	14.8
25 to 29	10.9	11.3	9.6	10.3	10.8	9.1	12.3	12.2	13.8
30 to 34	4.7	4.5	5.2	4.2	3.9	4.9	5.6	5.5	7.5
35 to 39	2.9	2.6	3.9	2.6	2.1	3.8	3.7	3.6	4.9
40 to 49	3.2	2.9	4.3	2.8	2.2	4.2	4.2	4.2	4.9
50 to 64	0.9	0.8	1.2	0.8	0.6	1.2	1.2	1.2	1.4
65 and over	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Age unknown	1.2	1.0	1.8	0.4	0.2	1.0	3.1	2.6	8.5
Part-time	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	4.3	2.5	5.7	4.6	2.5	5.7	2.6	2.6	1.5
18 and 19	7.6	3.3	10.8	8.6	4.1	10.8	2.0	1.8	6.5
20 and 21	9.2	5.6	11.9	10.2	6.9	11.9	3.6	3.2	11.9
22 to 24	13.6	14.0	13.2	14.1	16.0	13.2	10.5	10.3	15.8
25 to 29	18.0	21.9	15.0	17.4	22.4	15.0	20.9	21.0	20.3
30 to 34	12.5	14.7	10.8	11.8	14.0	10.8	15.8	15.9	13.5
35 to 39	10.5	11.4	9.8	10.1	10.6	9.8	12.9	13.0	10.1
40 to 49	15.1	17.1	13.7	14.5	16.1	13.7	18.5	18.8	11.7
50 to 64	6.1	6.1	6.0	6.0	5.9	6.0	6.5	6.6	3.1
65 and over	1.2	0.6	1.6	1.3	0.6	1.7	0.4	0.4	0.1
Age unknown	2.0	2.8	1.5	1.3	0.9	1.4	6.3	6.4	5.3

NOTE: Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs. Totals may differ from figures reported in other tables because of varying survey methodologies. Data imputed using alternative methods. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment, 1999" survey. (This table was prepared May 2001.)

Table 177.—Total fall enrollment in degree-granting institutions, by level of enrollment, sex, attendance status, and type and control of institution: 1999

Attendance status, and type and control of institution	Total			Undergraduate			First-professional			Graduate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**14,791,224**	**6,490,646**	**8,300,578**	**12,681,231**	**5,559,457**	**7,121,774**	**303,190**	**165,134**	**138,056**	**1,806,803**	**766,055**	**1,040,748**
Full-time	8,786,494	4,025,721	4,760,773	7,735,075	3,515,869	4,219,206	270,581	146,613	123,968	780,838	363,239	417,599
Part-time	6,004,730	2,464,925	3,539,805	4,946,156	2,043,588	2,902,568	32,609	18,521	14,088	1,025,965	402,816	623,149
Total 4-year	9,198,525	4,103,297	5,095,228	7,088,696	3,172,167	3,916,529	303,190	165,134	138,056	1,806,639	765,996	1,040,643
Full-time	6,642,033	3,056,957	3,585,076	5,590,616	2,547,106	3,043,510	270,581	146,613	123,968	780,836	363,238	417,598
Part-time	2,556,492	1,046,340	1,510,152	1,498,080	625,061	873,019	32,609	18,521	14,088	1,025,803	402,758	623,045
Total 2-year	5,592,699	2,387,349	3,205,350	5,592,535	2,387,290	3,205,245	—	—	—	164	59	105
Full-time	2,144,461	968,764	1,175,697	2,144,459	968,763	1,175,696	—	—	—	2	1	1
Part-time	3,448,238	1,418,585	2,029,653	3,448,076	1,418,527	2,029,549	—	—	—	162	58	104
Public, total	11,309,399	4,941,181	6,368,218	10,110,009	4,431,056	5,678,953	122,885	63,762	59,123	1,076,505	446,363	630,142
Full-time	6,224,114	2,851,633	3,372,481	5,660,023	2,581,334	3,078,689	116,793	60,602	56,191	447,298	209,697	237,601
Part-time	5,085,285	2,089,548	2,995,737	4,449,986	1,849,722	2,600,264	6,092	3,160	2,932	629,207	236,666	392,541
Public 4-year	5,969,950	2,669,629	3,300,321	4,770,724	2,159,563	2,611,161	122,885	63,762	59,123	1,076,341	446,304	630,037
Full-time	4,292,863	1,983,766	2,309,097	3,728,774	1,713,468	2,015,306	116,793	60,602	56,191	447,296	209,696	237,600
Part-time	1,677,087	685,863	991,224	1,041,950	446,095	595,855	6,092	3,160	2,932	629,045	236,608	392,437
Public 2-year	5,339,449	2,271,552	3,067,897	5,339,285	2,271,493	3,067,792	—	—	—	164	59	105
Full-time	1,931,251	867,867	1,063,384	1,931,249	867,866	1,063,383	—	—	—	2	1	1
Part-time	3,408,198	1,403,685	2,004,513	3,408,036	1,403,627	2,004,409	—	—	—	162	58	104
Private, total	3,481,825	1,549,465	1,932,360	2,571,222	1,128,401	1,442,821	180,305	101,372	78,933	730,298	319,692	410,606
Full-time	2,562,380	1,174,088	1,388,292	2,075,052	934,535	1,140,517	153,788	86,011	67,777	333,540	153,542	179,998
Part-time	919,445	375,377	544,068	496,170	193,866	302,304	26,517	15,361	11,156	396,758	166,150	230,608
Private 4-year	3,228,575	1,433,668	1,794,907	2,317,972	1,012,604	1,305,368	180,305	101,372	78,933	730,298	319,692	410,606
Full-time	2,349,170	1,073,191	1,275,979	1,861,842	833,638	1,028,204	153,788	86,011	67,777	333,540	153,542	179,998
Part-time	879,405	360,477	518,928	456,130	178,966	277,164	26,517	15,361	11,156	396,758	166,150	230,608
Private 2-year	253,250	115,797	137,453	253,250	115,797	137,453	—	—	—	—	—	—
Full-time	213,210	100,897	112,313	213,210	100,897	112,313	—	—	—	—	—	—
Part-time	40,040	14,900	25,140	40,040	14,900	25,140	—	—	—	—	—	—
Not-for-profit, total	3,051,626	1,334,077	1,717,549	2,182,744	932,126	1,250,618	179,139	100,681	78,458	689,743	301,270	388,473
Full-time	2,207,401	993,816	1,213,585	1,752,165	768,883	983,282	153,166	85,655	67,511	302,070	139,278	162,792
Part-time	844,225	340,261	503,964	430,579	163,243	267,336	25,973	15,026	10,947	387,673	161,992	225,681
Not-for-profit 4-year	2,989,285	1,307,723	1,681,562	2,120,403	905,772	1,214,631	179,139	100,681	78,458	689,743	301,270	388,473
Full-time	2,160,126	972,280	1,187,846	1,704,890	747,347	957,543	153,166	85,655	67,511	302,070	139,278	162,792
Part-time	829,159	335,443	493,716	415,513	158,425	257,088	25,973	15,026	10,947	387,673	161,992	225,681
Not-for-profit 2-year	62,341	26,354	35,987	62,341	26,354	35,987	—	—	—	—	—	—
Full-time	47,275	21,536	25,739	47,275	21,536	25,739	—	—	—	—	—	—
Part-time	15,066	4,818	10,248	15,066	4,818	10,248	—	—	—	—	—	—
For-profit, total	430,199	215,388	214,811	388,478	196,275	192,203	1,166	691	475	40,555	18,422	22,133
Full-time	354,979	180,272	174,707	322,887	165,652	157,235	622	356	266	31,470	14,264	17,206
Part-time	75,220	35,116	40,104	65,591	30,623	34,968	544	335	209	9,085	4,158	4,927
For-profit 4-year	239,290	125,945	113,345	197,569	106,832	90,737	1,166	691	475	40,555	18,422	22,133
Full-time	189,044	100,911	88,133	156,952	86,291	70,661	622	356	266	31,470	14,264	17,206
Part-time	50,246	25,034	25,212	40,617	20,541	20,076	544	335	209	9,085	4,158	4,927
For-profit 2-year	190,909	89,443	101,466	190,909	89,443	101,466	—	—	—	—	—	—
Full-time	165,935	79,361	86,574	165,935	79,361	86,574	—	—	—	—	—	—
Part-time	24,974	10,082	14,892	24,974	10,082	14,892	—	—	—	—	—	—

—Not available.

NOTE: Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs. Data imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001.)

Table 178.—Total fall enrollment in degree-granting institutions, by level of enrollment, sex, attendance status, and type and control of institution: 1998

Attendance status, and type and control of institution	Total			Undergraduate			First-professional			Graduate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**14,506,967**	**6,369,265**	**8,137,702**	**12,436,937**	**5,446,133**	**6,990,804**	**302,473**	**168,846**	**133,627**	**1,767,557**	**754,286**	**1,013,271**
Full-time	8,563,338	3,933,653	4,629,685	7,538,711	3,428,161	4,110,550	271,049	150,361	120,688	753,578	355,131	398,447
Part-time	5,943,629	2,435,612	3,508,017	4,898,226	2,017,972	2,880,254	31,424	18,485	12,939	1,013,979	399,155	614,824
Total 4-year	9,017,653	4,035,931	4,981,722	6,947,623	3,112,799	3,834,824	302,473	168,846	133,627	1,767,557	754,286	1,013,271
Full-time	6,477,432	2,997,232	3,480,200	5,452,805	2,491,740	2,961,065	271,049	150,361	120,688	753,578	355,131	398,447
Part-time	2,540,221	1,038,699	1,501,522	1,494,818	621,059	873,759	31,424	18,485	12,939	1,013,979	399,155	614,824
Total 2-year	5,489,314	2,333,334	3,155,980	5,489,314	2,333,334	3,155,980	—	—	—	—	—	—
Full-time	2,085,906	936,421	1,149,485	2,085,906	936,421	1,149,485	—	—	—	—	—	—
Part-time	3,403,408	1,396,913	2,006,495	3,403,408	1,396,913	2,006,495	—	—	—	—	—	—
Public, total	11,137,769	4,868,698	6,269,071	9,950,212	4,360,935	5,589,277	120,698	63,800	56,898	1,066,859	443,963	622,896
Full-time	6,100,816	2,800,633	3,300,183	5,547,082	2,532,489	3,014,593	115,210	60,913	54,297	438,524	207,231	231,293
Part-time	5,036,953	2,068,065	2,968,888	4,403,130	1,828,446	2,574,684	5,488	2,887	2,601	628,335	236,732	391,603
Public 4-year	5,891,806	2,644,403	3,247,403	4,704,249	2,136,640	2,567,609	120,698	63,800	56,898	1,066,859	443,963	622,896
Full-time	4,218,990	1,959,198	2,259,792	3,665,256	1,691,054	1,974,202	115,210	60,913	54,297	438,524	207,231	231,293
Part-time	1,672,816	685,205	987,611	1,038,993	445,586	593,407	5,488	2,887	2,601	628,335	236,732	391,603
Public 2-year	5,245,963	2,224,295	3,021,668	5,245,963	2,224,295	3,021,668	—	—	—	—	—	—
Full-time	1,881,826	841,435	1,040,391	1,881,826	841,435	1,040,391	—	—	—	—	—	—
Part-time	3,364,137	1,382,860	1,981,277	3,364,137	1,382,860	1,981,277	—	—	—	—	—	—
Private, total	3,369,198	1,500,567	1,868,631	2,486,725	1,085,198	1,401,527	181,775	105,046	76,729	700,698	310,323	390,375
Full-time	2,462,522	1,133,020	1,329,502	1,991,629	895,672	1,095,957	155,839	89,448	66,391	315,054	147,900	167,154
Part-time	906,676	367,547	539,129	495,096	189,526	305,570	25,936	15,598	10,338	385,644	162,423	223,221
Private 4-year	3,125,847	1,391,528	1,734,319	2,243,374	976,159	1,267,215	181,775	105,046	76,729	700,698	310,323	390,375
Full-time	2,258,442	1,038,034	1,220,408	1,787,549	800,686	986,863	155,839	89,448	66,391	315,054	147,900	167,154
Part-time	867,405	353,494	513,911	455,825	175,473	280,352	25,936	15,598	10,338	385,644	162,423	223,221
Private 2-year	243,351	109,039	134,312	243,351	109,039	134,312	—	—	—	—	—	—
Full-time	204,080	94,986	109,094	204,080	94,986	109,094	—	—	—	—	—	—
Part-time	39,271	14,053	25,218	39,271	14,053	25,218	—	—	—	—	—	—
Not-for-profit, total	3,004,925	1,318,740	1,686,185	2,152,655	918,393	1,234,262	180,482	104,275	76,207	671,788	296,072	375,716
Full-time	2,162,158	980,596	1,181,562	1,715,156	754,944	960,212	155,275	89,118	66,157	291,727	136,534	155,193
Part-time	842,767	338,144	504,623	437,499	163,449	274,050	25,207	15,157	10,050	380,061	159,538	220,523
Not-for-profit 4-year	2,939,055	1,290,788	1,648,267	2,086,785	890,441	1,196,344	180,482	104,275	76,207	671,788	296,072	375,716
Full-time	2,111,274	957,212	1,154,062	1,664,272	731,560	932,712	155,275	89,118	66,157	291,727	136,534	155,193
Part-time	827,781	333,576	494,205	422,513	158,881	263,632	25,207	15,157	10,050	380,061	159,538	220,523
Not-for-profit 2-year	65,870	27,952	37,918	65,870	27,952	37,918	—	—	—	—	—	—
Full-time	50,884	23,384	27,500	50,884	23,384	27,500	—	—	—	—	—	—
Part-time	14,986	4,568	10,418	14,986	4,568	10,418	—	—	—	—	—	—
For-profit, total	364,273	181,827	182,446	334,070	166,805	167,265	1,293	771	522	28,910	14,251	14,659
Full-time	300,364	152,424	147,940	276,473	140,728	135,745	564	330	234	23,327	11,366	11,961
Part-time	63,909	29,403	34,506	57,597	26,077	31,520	729	441	288	5,583	2,885	2,698
For-profit 4-year	186,792	100,740	86,052	156,589	85,718	70,871	1,293	771	522	28,910	14,251	14,659
Full-time	147,168	80,822	66,346	123,277	69,126	54,151	564	330	234	23,327	11,366	11,961
Part-time	39,624	19,918	19,706	33,312	16,592	16,720	729	441	288	5,583	2,885	2,698
For-profit 2-year	177,481	81,087	96,394	177,481	81,087	96,394	—	—	—	—	—	—
Full-time	153,196	71,602	81,594	153,196	71,602	81,594	—	—	—	—	—	—
Part-time	24,285	9,485	14,800	24,285	9,485	14,800	—	—	—	—	—	—

—Not available.

NOTE: Data revised from previously published figures. Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001.)

Table 179.—Total fall enrollment in degree-granting institutions, by type and control of institution, attendance status, and sex of student: 1970 to 1999

Type and control of institution, sex and attendance status of student	Institutions of higher education								Degree-granting institutions			
	1970	1975	1980[1]	1985	1990	1995	1996	1997	1996	1997	1998[2]	1999[3]
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**8,580,887**	**11,184,859**	**12,096,895**	**12,247,056**	**13,818,637**	**14,261,781**	**14,300,255**	**14,345,416**	**14,367,520**	**14,502,334**	**14,506,967**	**14,791,224**
Full-time	5,816,290	6,841,334	7,097,958	7,075,221	7,820,985	8,128,802	8,213,490	8,322,362	8,302,953	8,438,062	8,563,338	8,786,494
Men	3,504,095	3,926,753	3,689,244	3,607,720	3,807,752	3,807,392	3,815,519	3,839,015	3,851,208	3,890,442	3,933,653	4,025,721
Women	2,312,195	2,914,581	3,408,714	3,467,501	4,013,233	4,321,410	4,397,971	4,483,347	4,451,745	4,547,620	4,629,685	4,760,773
Part-time	2,764,597	4,343,525	4,998,937	5,171,834	5,997,652	6,132,979	6,086,765	6,023,054	6,064,567	6,064,272	5,943,629	6,004,730
Men	1,539,547	2,222,244	2,185,130	2,210,730	2,476,157	2,535,147	2,528,473	2,490,945	2,501,617	2,505,586	2,435,612	2,464,925
Women	1,225,050	2,121,281	2,813,807	2,961,104	3,521,495	3,597,832	3,558,292	3,532,109	3,562,950	3,558,686	3,508,017	3,539,805
4-year, total	6,261,502	7,214,740	7,570,608	7,715,978	8,578,554	8,769,252	8,802,835	8,874,676	8,804,193	8,896,765	9,017,653	9,198,525
Full-time	4,587,379	5,080,256	5,344,163	5,384,614	5,937,023	6,151,755	6,226,868	6,326,650	6,230,648	6,342,891	6,477,432	6,642,033
Men	2,732,796	2,891,192	2,809,528	2,781,412	2,926,360	2,929,177	2,933,912	2,950,083	2,934,736	2,959,048	2,997,232	3,056,957
Women	1,854,583	2,189,064	2,534,635	2,603,202	3,010,663	3,222,578	3,292,956	3,376,567	3,295,912	3,383,843	3,480,200	3,585,076
Part-time	1,674,123	2,134,484	2,226,445	2,331,364	2,641,531	2,617,497	2,575,967	2,548,026	2,573,545	2,553,874	2,540,221	2,556,492
Men	936,189	1,092,461	1,017,813	1,034,804	1,124,780	1,084,753	1,061,989	1,044,133	1,059,175	1,047,269	1,038,699	1,046,340
Women	737,934	1,042,023	1,208,632	1,296,560	1,516,751	1,532,744	1,513,978	1,503,893	1,514,370	1,506,605	1,501,522	1,510,152
Public 4-year	4,232,722	4,998,142	5,128,612	5,209,540	5,848,242	5,814,545	5,806,904	5,834,525	5,806,036	5,835,433	5,891,806	5,969,950
Full-time	3,086,491	3,469,821	3,592,193	3,623,341	4,033,654	4,084,711	4,106,094	4,164,180	4,106,453	4,164,759	4,218,990	4,292,863
Men	1,813,584	1,947,823	1,873,397	1,863,689	1,982,369	1,951,140	1,943,086	1,950,899	1,943,259	1,951,171	1,959,198	1,983,766
Women	1,272,907	1,521,998	1,718,796	1,759,652	2,051,285	2,133,571	2,163,008	2,213,281	2,163,194	2,213,588	2,259,792	2,309,097
Part-time	1,146,231	1,528,321	1,536,419	1,586,199	1,814,588	1,729,834	1,700,810	1,670,345	1,699,583	1,670,674	1,672,816	1,677,087
Men	609,422	760,469	685,051	693,115	764,248	720,402	703,691	686,876	703,078	686,997	685,205	685,863
Women	536,809	767,852	851,368	893,084	1,050,340	1,009,432	997,119	983,469	996,505	983,677	987,611	991,224
Private 4-year	2,028,780	2,216,598	2,441,996	2,506,438	2,730,312	2,954,707	2,995,931	3,040,151	2,998,157	3,061,332	3,125,847	3,228,575
Full-time	1,500,888	1,610,435	1,751,970	1,761,273	1,903,369	2,067,044	2,120,774	2,162,470	2,124,195	2,178,132	2,258,442	2,349,170
Men	919,212	943,369	936,131	917,723	943,991	978,037	990,826	999,184	991,477	1,007,877	1,038,034	1,073,191
Women	581,676	667,066	815,839	843,550	959,378	1,089,007	1,129,948	1,163,286	1,132,718	1,170,255	1,220,408	1,275,979
Part-time	527,892	606,163	690,026	745,165	826,943	887,663	875,157	877,681	873,962	883,200	867,405	879,405
Men	326,767	331,992	332,762	341,689	360,532	364,351	358,298	357,257	356,097	360,272	353,494	360,477
Women	201,125	274,171	357,264	403,476	466,411	523,312	516,859	520,424	517,865	522,928	513,911	518,928
Not-for-profit 4-year	—	—	2,413,693	2,463,000	2,671,069	2,853,890	2,871,693	2,897,816	2,867,181	2,905,820	2,939,055	2,989,285
Full-time	—	—	1,733,014	1,727,707	1,859,124	1,989,457	2,024,856	2,051,308	2,021,570	2,056,019	2,111,274	2,160,126
Men	—	—	921,253	894,080	915,100	931,956	937,078	937,353	934,474	939,532	957,212	972,280
Women	—	—	811,761	833,627	944,024	1,057,501	1,087,778	1,113,955	1,087,096	1,116,487	1,154,062	1,187,846
Part-time	—	—	680,679	735,293	811,945	864,433	846,837	846,508	845,611	849,801	827,781	829,159
Men	—	—	327,986	336,168	352,106	351,874	342,826	341,575	341,460	343,344	333,576	335,443
Women	—	—	352,693	399,125	459,839	512,559	504,011	504,933	504,151	506,457	494,205	493,716
2-year, total	2,319,385	3,970,119	4,526,287	4,531,077	5,240,083	5,492,529	5,497,420	5,470,740	5,563,327	5,605,569	5,489,314	5,592,699
Full-time	1,228,911	1,761,078	1,753,795	1,690,607	1,883,962	1,977,047	1,986,622	1,995,712	2,072,305	2,095,171	2,085,906	2,144,461
Men	771,299	1,035,561	879,716	826,308	881,392	878,215	881,607	888,932	916,472	931,394	936,421	968,764
Women	457,612	725,517	874,079	864,299	1,002,570	1,098,832	1,105,015	1,106,780	1,155,833	1,163,777	1,149,485	1,175,697
Part-time	1,090,474	2,209,041	2,772,492	2,840,470	3,356,121	3,515,482	3,510,798	3,475,028	3,491,022	3,510,398	3,403,408	3,448,238
Men	603,358	1,129,783	1,167,317	1,175,926	1,351,377	1,450,394	1,466,484	1,446,812	1,442,442	1,458,317	1,396,913	1,418,585
Women	487,116	1,079,258	1,605,175	1,664,544	2,004,744	2,065,088	2,044,314	2,028,216	2,048,580	2,052,081	2,006,495	2,029,653
Public 2-year	2,195,412	3,836,366	4,328,782	4,269,733	4,996,475	5,277,829	5,283,267	5,311,630	5,314,463	5,360,686	5,245,963	5,339,449
Full-time	1,129,165	1,662,621	1,595,493	1,496,905	1,716,843	1,840,590	1,858,080	1,871,120	1,872,014	1,891,027	1,881,826	1,931,251
Men	720,440	988,701	811,871	742,673	810,664	818,605	824,832	831,754	832,839	842,082	841,435	867,867
Women	408,725	673,920	783,622	754,232	906,179	1,021,985	1,033,248	1,039,366	1,039,175	1,048,945	1,040,391	1,063,384
Part-time	1,066,247	2,173,745	2,733,289	2,772,828	3,279,632	3,437,239	3,425,187	3,440,510	3,442,449	3,469,659	3,364,137	3,408,198
Men	589,439	1,107,680	1,152,268	1,138,011	1,317,730	1,417,488	1,415,928	1,430,701	1,423,277	1,443,937	1,382,860	1,403,685
Women	476,808	1,066,065	1,581,021	1,634,817	1,961,902	2,019,751	2,009,259	2,009,809	2,019,172	2,025,722	1,981,277	2,004,513
Private 2-year	123,973	133,753	197,505	261,344	243,608	214,700	214,153	159,110	248,864	244,883	243,351	253,250
Full-time	99,746	98,457	158,302	193,702	167,119	136,457	128,542	124,592	200,291	204,144	204,080	213,210
Men	50,859	46,860	67,845	83,635	70,728	59,610	56,775	57,178	83,633	89,312	94,986	100,897
Women	48,887	51,597	90,457	110,067	96,391	76,847	71,767	67,414	116,658	114,832	109,094	112,313
Part-time	24,227	35,296	39,203	67,642	76,489	78,243	85,611	34,518	48,573	40,739	39,271	40,040
Men	13,919	22,103	15,049	37,915	33,647	32,906	50,556	16,111	19,165	14,380	14,053	14,900
Women	10,308	13,193	24,154	29,727	42,842	45,337	35,055	18,407	29,408	26,359	25,218	25,140
Not-for-profit 2-year	—	—	114,094	108,791	89,158	75,154	68,864	63,898	75,375	71,794	65,870	62,341
Full-time	—	—	83,009	76,547	62,003	54,033	50,202	48,893	56,434	55,153	50,884	47,275
Men	—	—	34,968	30,878	25,946	23,265	21,386	21,615	24,064	24,367	23,384	21,536
Women	—	—	48,041	45,669	36,057	30,768	28,816	27,278	32,370	30,786	27,500	25,739
Part-time	—	—	31,085	32,244	27,155	21,121	18,662	15,005	18,941	16,641	14,986	15,066
Men	—	—	11,445	10,786	7,970	6,080	5,227	4,683	5,337	5,175	4,568	4,818
Women	—	—	19,640	21,458	19,185	15,041	13,435	10,322	13,604	11,466	10,418	10,248

—Not available.

[1] Large increase in private 2-year institutions in 1980 is due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

[2] Data revised from previously published figures.

[3] Data imputed using alternative methods. (See *Guide to Sources* for details.)

NOTE: Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The Department of Education no longer distinguishes between those institutions and other institutions that participated in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data Systems (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001.)

Table 180.—Fall enrollment and number of degree-granting institutions, by affiliation of institution: 1980 to 1999

Affiliation¹	Enrollment in institutions of higher education²				Enrollment in degree-granting institutions³							Number of higher education institutions⁴		Number of degree-granting institutions⁴	
	Total, fall 1980	Total, fall 1990	Total, fall 1995	Total, fall 1996	Total, fall 1998⁵	Fall 1999						Fall 1980	Fall 1990	Fall 1998	Fall 1999
						Total	Full-time		Part-time						
							Men	Women	Men	Women					
1	2	3	4	5	6	7	8	9	10	11		12	13	14	15
All institutions	**12,096,895**	**13,818,637**	**14,261,781**	**14,300,255**	**14,506,967**	**14,791,224**	**4,025,721**	**4,760,773**	**2,464,925**	**3,539,805**		**3,226**	**3,501**	**3,913**	**3,958**
Public institutions	9,457,394	10,844,717	11,092,374	11,090,171	11,137,769	11,309,399	2,851,633	3,372,481	2,089,548	2,995,737		1,493	1,548	1,644	1,646
Federal	50,989	50,669	90,046	83,230	17,122	16,218	12,309	3,148	259	502		12	17	11	9
State	(⁶)	7,181,380	7,842,782	7,905,241	8,100,171	8,302,641	2,363,382	2,788,025	1,291,175	1,860,059		(⁶)	978	1,176	1,191
Local	(⁶)	3,508,941	3,023,723	2,980,820	2,887,670	2,847,100	441,741	539,635	772,063	1,093,661		(⁶)	523	414	397
Other public	9,406,405	103,727	135,823	120,880	132,806	143,440	34,201	41,673	26,051	41,515		1,481	30	43	49
Private institutions	2,639,501	2,973,920	3,169,407	3,210,084	3,369,198	3,481,825	1,174,088	1,388,292	375,377	544,068		1,733	1,953	2,269	2,312
Independent not-for-profit	1,521,614	1,474,818	1,511,151	1,515,330	1,520,918	1,550,568	529,035	596,316	181,093	244,124		795	709	721	725
For-profit	111,714	213,693	240,363	269,527	364,273	430,199	180,272	174,707	35,116	40,104		164	322	629	674
Religiously affiliated	1,006,173	1,285,409	1,417,893	1,425,227	1,484,007	1,501,058	464,781	617,269	159,168	259,840		774	922	919	913
Advent Christian Church	143	—	—	—	—	—	—	—	—	—		1	—	—	—
African Methodist Episcopal Zion Church	1,091	88	—	—	—	—	—	—	—	—		3	1	—	—
African Methodist Episcopal	4,541	3,220	3,503	5,180	5,783	5,942	2,526	3,165	111	140		6	5	7	7
American Baptist	6,131	10,800	11,394	11,532	12,871	12,145	3,208	4,464	1,350	3,124		11	15	13	13
American Evangelical Lutheran Church	—	—	779	822	4,826	788	357	268	82	81		—	—	2	1
American Lutheran and Lutheran Church in America	3,092	—	1,304	1,234	1,512	1,547	621	632	120	174		3	—	1	1
American Lutheran	21,608	—	10,459	10,153	9,750	9,971	4,087	4,678	357	849		13	—	8	8
Assemblies of God Church	7,814	8,307	9,652	9,860	10,321	10,687	4,230	5,055	667	735		10	11	12	12
Baptist	38,231	99,510	105,802	105,251	106,456	106,123	36,854	48,322	8,941	12,006		33	69	66	66
Brethren Church	3,925	958	1,456	1,414	1,793	1,855	807	784	159	105		3	3	3	3
Brethren in Christ Church	1,301	2,239	2,416	2,517	2,697	2,735	1,035	1,630	14	56		1	1	1	1
Christian and Missionary Alliance Church	1,705	2,519	3,723	3,953	4,608	4,758	1,675	2,319	323	441		3	4	4	4
Christian Church (Disciples of Christ)	14,913	30,397	33,029	33,492	35,638	35,377	9,016	12,922	4,934	8,505		12	18	17	17
Christian Churches and Churches of Christ	1,342	2,263	3,494	4,616	4,820	4,977	2,016	1,987	599	375		7	8	13	13
Christian Methodist Episcopal	2,486	2,174	2,598	1,881	1,390	1,453	577	746	45	85		4	4	1	1
Christian Reformed Church	5,408	4,488	4,205	4,308	4,394	4,534	1,951	2,275	151	157		3	2	2	2
Church of Christ (Scientist)	2,773	2,557	4,320	4,407	4,651	4,708	1,859	2,095	436	318		6	8	5	5
Church of God of Prophecy	—	249	—	—	—	—	—	—	—	—		—	1	—	—
Church of God	6,082	5,627	4,410	6,913	7,761	7,824	2,893	3,855	536	540		9	9	7	6
Church of New Jerusalem	170	—	—	—	—	—	—	—	—	—		1	—	—	—
Church of the Brethren	8,482	4,463	2,812	2,856	2,847	2,933	1,089	1,595	89	160		6	5	3	3
Church of the Nazarene	11,716	10,779	14,466	14,502	15,863	16,472	5,653	7,474	1,216	2,129		10	9	12	12
Churches of Christ	9,343	14,611	22,807	23,035	24,455	25,171	8,391	10,028	3,168	3,584		9	19	16	16
Cumberland Presbyterian	594	746	799	823	966	1,039	446	354	122	117		2	2	2	2
Evangelical Congregational Church	80	88	65	95	138	158	11	3	106	38		1	1	1	1
Evangelical Covenant Church of America	1,401	1,035	1,745	1,815	2,154	2,198	572	815	259	552		1	1	1	1
Evangelical Free Church of America	833	2,355	3,778	3,937	3,985	4,301	1,661	1,322	851	467		1	2	3	3
Evangelical Lutheran Church	743	49,210	39,089	38,666	39,657	39,687	14,470	20,028	1,909	3,280		3	33	26	27
Free Methodist	5,543	5,902	8,696	8,713	9,123	9,281	3,011	4,813	507	950		5	3	5	5
Free Will Baptist Church	1,132	1,177	1,467	1,681	2,022	2,254	874	966	217	197		4	3	3	3
Friends United Meeting	1,109	—	—	—	—	—	—	—	—	—		1	—	—	—
Friends	5,157	5,844	6,600	9,711	10,165	11,216	4,059	5,335	760	1,062		5	6	6	7
General Conference Mennonite Church	820	1,243	1,046	1,095	1,000	1,015	330	497	131	57		2	2	1	1
Greek Orthodox	204	148	168	179	146	146	118	24	3	1		1	1	1	1
Interdenominational	1,254	11,103	5,571	5,510	4,275	5,314	1,998	2,008	834	474		4	17	5	8
Jewish	5,738	12,217	11,481	12,273	13,362	14,122	11,617	1,010	829	666		24	63	63	63
Latter-Day Saints	39,172	42,274	40,086	42,371	43,916	44,425	17,785	21,418	2,629	2,593		4	4	4	4
Lutheran Church—Missouri Synod	11,727	13,827	11,315	12,145	13,162	13,203	4,275	5,748	1,182	1,998		15	14	9	9
Lutheran Church in America	23,877	5,796	4,321	4,291	4,374	4,493	1,679	2,336	131	347		20	5	3	3
Mennonite Brethren Church	1,344	1,864	2,269	2,225	2,379	2,359	539	791	359	670		3	3	3	3

Table 180.—Fall enrollment and number of degree-granting institutions, by affiliation of institution: 1980 to 1999—Continued

Affiliation[1]	Enrollment in institutions of higher education[2]				Enrollment in degree-granting institutions[3]						Number of higher education institutions[4]		Number of degree-granting institutions[4]	
	Total, fall 1980	Total, fall 1990	Total, fall 1995	Total, fall 1996	Total, fall 1998[5]	Fall 1999					Fall 1980	Fall 1990	Fall 1998	Fall 1999
						Total	Full-time		Part-time					
							Men	Women	Men	Women				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Mennonite Church	4,008	2,859	3,502	3,427	3,481	3,501	1,329	1,666	187	319	6	5	5	5
Missionary Church Inc.	487	699	1,352	1,467	1,627	1,640	426	719	155	340	1	1	1	1
Moravian Church	2,434	2,511	2,804	2,861	2,847	2,880	589	1,422	225	644	2	2	2	2
Multiple Protestant denominations	5,526	211	164	7,580	7,897	8,025	2,083	3,418	1,318	1,206	8	1	9	9
North American Baptist	155	—	186	179	128	132	52	37	15	28	1	—	1	1
Pentecostal Holiness Church	767	566	1,002	1,237	1,728	1,681	644	654	181	202	3	3	4	4
Presbyterian U.S. and United Presbyterian	47,144	77,700	70,357	71,034	72,677	74,008	27,889	36,316	3,633	6,170	57	70	60	60
Presbyterian Church in America	—	1,877	3,809	2,183	2,200	2,299	920	858	378	143	—	1	2	2
Protestant Episcopal	5,396	4,559	4,603	4,593	5,530	5,562	2,197	2,785	271	309	12	9	12	12
Protestant, other	4,072	38,136	60,386	54,427	55,058	55,579	17,486	24,526	5,188	8,379	11	44	60	59
Reformed Church in America	2,713	5,525	5,582	5,327	5,482	5,631	2,195	3,117	144	175	4	4	4	4
Reformed Episcopal Church	67	—	—	—	—	—	—	—	—	—	1	—	—	—
Reformed Presbyterian Church	2,014	1,556	1,771	1,819	2,065	2,209	845	999	178	187	4	2	2	2
Reorganized Latter-Day Saints Church	4,274	4,793	11,063	11,746	12,758	11,814	879	1,195	4,300	5,440	2	1	2	2
Roman Catholic	422,842	530,585	594,464	594,537	618,014	630,365	164,843	240,198	79,073	146,251	229	239	242	240
Russian Orthodox	47	38	32	36	—	—	—	—	—	—	1	1	—	—
Seventh-Day Adventists	19,168	15,771	17,519	17,744	18,530	18,779	6,663	8,221	1,457	2,438	11	11	12	12
Southern Baptist	85,281	49,493	46,042	47,704	51,026	51,113	14,740	16,945	8,934	10,494	54	29	30	29
Nondenominational	—	6,758	18,729	15,166	16,597	20,101	5,843	7,307	3,569	3,382	—	14	13	15
Unitarian Universalist	87	82	126	131	157	135	42	78	2	13	2	2	2	2
United Brethren Church	545	601	721	740	897	904	302	491	69	42	1	1	1	1
United Church of Christ	14,169	20,175	24,013	22,612	23,313	24,136	6,760	10,146	2,288	4,942	16	18	20	19
United Methodist	127,099	148,851	148,091	148,926	151,591	152,960	51,254	67,926	13,007	20,773	91	96	91	90
Wesleyan Church	3,583	5,311	7,734	8,336	9,033	9,806	3,514	5,501	302	489	5	4	3	3
Wisconsin Evangelical Lutheran Synod	808	931	1,165	1,218	1,365	1,463	667	756	17	23	1	3	2	2
Other religiously affiliated	462	5,743	11,551	6,741	6,746	1,123	329	226	150	418	1	9	10	5

—Not available.

[1] Religious affiliation as reported by institution.

[2] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary.

[3] Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

[4] Because data are derived from the "Fall Enrollment" survey, counts of institutions may differ from counts in other tables.

[5] Data revised from previously published figures.

[6] Included under "Other public."

NOTE: Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized directly by the U.S. Department of Education, or recognized directly by the Secretary of Education. The Department of Education no longer distinguishes between those institutions and other institutions that participated in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" and "Institutional Characteristics" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" and "Institutional Characteristics" surveys. (This table was prepared July 2001.)

Table 181.—Total fall enrollment in degree-granting institutions, by type and control of institution, attendance status, sex, and level of student: 1997 to 1999

Level of student and enrollment status	Total, fall 1997	Fall 1998					Fall 1999				
		Total	Public 4-year	Private 4-year	Public 2-year	Private 2-year	Total	Public 4-year	Private 4-year	Public 2-year	Private 2-year
1	2	3	4	5	6	7	8	9	10	11	12
All students	**14,502,334**	**14,506,967**	**5,891,806**	**3,125,847**	**5,245,963**	**243,351**	**14,791,224**	**5,969,950**	**3,228,575**	**5,339,449**	**253,250**
Undergraduate, full-time and part-time	12,450,587	12,436,937	4,704,249	2,243,374	5,245,963	243,351	12,681,231	4,770,724	2,317,972	5,339,285	253,250
Degree seeking	10,608,340	10,619,460	4,489,317	2,141,626	3,762,055	226,462	10,967,780	4,552,383	2,210,804	3,968,983	235,610
Men	4,669,187	4,661,497	2,043,825	935,499	1,579,617	102,556	4,823,390	2,064,332	969,536	1,679,919	109,603
Women	5,939,153	5,957,963	2,445,492	1,206,127	2,182,433	123,906	6,144,390	2,488,051	1,241,268	2,289,064	126,007
First-time freshmen	2,219,255	2,212,593	792,772	460,948	858,417	100,456	2,351,932	818,957	473,562	952,319	107,094
Men	1,026,058	1,022,656	361,434	210,660	402,383	48,179	1,091,802	374,310	217,617	446,751	53,124
Women	1,193,197	1,189,937	431,338	250,288	456,034	52,277	1,260,130	444,647	255,945	505,568	53,970
Other first-year	2,248,654	2,218,206	486,687	214,065	1,468,954	48,500	2,421,214	489,867	232,181	1,649,920	49,246
Men	973,117	958,981	228,798	94,818	615,010	20,355	1,050,187	229,776	103,479	696,454	20,478
Women	1,275,537	1,259,225	257,889	119,247	853,944	28,145	1,371,027	260,091	128,702	953,466	28,768
Second year	2,867,544	2,888,929	902,288	474,451	1,434,684	77,506	2,854,278	918,526	491,216	1,365,266	79,270
Men	1,206,394	1,215,213	410,711	208,256	562,224	34,022	1,204,473	416,274	216,031	536,167	36,001
Women	1,661,150	1,673,716	491,577	266,195	872,460	43,484	1,649,805	502,252	275,185	829,099	43,269
Third year	1,415,095	1,437,996	995,784	442,212	0	0	1,460,326	1,001,567	457,958	801	0
Men	627,693	634,453	445,561	188,892	0	0	643,706	446,230	197,178	298	0
Women	787,402	803,543	550,223	253,320	0	0	816,620	555,337	260,780	503	0
Fourth year and beyond	1,736,704	1,758,440	1,270,051	488,389	0	0	1,782,764	1,284,146	497,998	620	0
Men	785,916	787,827	579,436	208,391	0	0	793,179	580,607	212,342	230	0
Women	950,788	970,613	690,615	279,998	0	0	989,585	703,539	285,656	390	0
Unclassified by level	121,088	103,296	41,735	61,561	0	0	97,266	39,320	57,889	57	0
Men	50,009	42,367	17,885	24,482	0	0	40,043	17,135	22,889	19	0
Women	71,079	60,929	23,850	37,079	0	0	57,223	22,185	35,000	38	0
Others in credit courses	1,842,247	1,817,477	214,932	101,748	1,483,908	16,889	1,713,451	218,341	107,168	1,370,302	17,640
Men	799,345	784,636	92,815	40,660	644,678	6,483	736,067	95,231	43,068	591,574	6,194
Women	1,042,902	1,032,841	122,117	61,088	839,230	10,406	977,384	123,110	64,100	778,728	11,446
Full-time	7,418,598	7,538,711	3,665,256	1,787,549	1,881,826	204,080	7,735,075	3,728,774	1,861,842	1,931,249	213,210
Degree seeking	7,104,341	7,219,616	3,632,346	1,772,334	1,622,280	192,656	7,415,415	3,693,914	1,843,046	1,677,196	201,259
First-time freshmen	1,733,512	1,775,412	746,461	436,343	500,634	91,974	1,845,407	772,260	446,035	529,655	97,457
Other first-year	1,135,024	1,130,520	370,316	147,022	575,952	37,230	1,197,491	375,118	163,858	619,407	39,108
Second year	1,762,010	1,792,907	768,433	415,328	545,694	63,452	1,807,686	784,269	430,905	527,818	64,694
Third year	1,156,482	1,181,817	808,983	372,834	0	0	1,204,771	815,587	388,965	219	0
Fourth year and beyond	1,288,809	1,309,918	929,482	380,436	0	0	1,332,644	939,012	393,535	97	0
Unclassified by level	28,504	29,042	8,671	20,371	0	0	27,416	7,668	19,748	0	0
Others in credit courses	314,257	319,095	32,910	15,215	259,546	11,424	319,660	34,860	18,796	254,053	11,951
Part-time	5,031,989	4,898,226	1,038,993	455,825	3,364,137	39,271	4,946,156	1,041,950	456,130	3,408,036	40,040
Degree seeking	3,503,999	3,399,844	856,971	369,292	2,139,775	33,806	3,552,365	858,469	367,758	2,291,787	34,351
First-time freshmen	485,743	437,181	46,311	24,605	357,783	8,482	506,525	46,697	27,527	422,664	9,637
Other first-year	1,113,630	1,087,686	116,371	67,043	893,002	11,270	1,223,723	114,749	68,323	1,030,513	10,138
Second year	1,105,534	1,096,022	133,855	59,123	888,990	14,054	1,046,592	134,257	60,311	837,448	14,576
Third year	258,613	256,179	186,801	69,378	0	0	255,555	185,980	68,993	582	0
Fourth year and beyond	447,895	448,522	340,569	107,953	0	0	450,120	345,134	104,463	523	0
Unclassified by level	92,584	74,254	33,064	41,190	0	0	69,850	31,652	38,141	57	0
Others in credit courses	1,527,990	1,498,382	182,022	86,533	1,224,362	5,465	1,393,791	183,481	88,372	1,116,249	5,689
Postbaccalaureate	2,051,747	2,070,030	1,187,557	882,473	—	—	2,109,993	1,199,226	910,603	164	—
First-professional	298,258	302,473	120,698	181,775	—	—	303,190	122,885	180,305	—	—
Full-time	267,218	271,049	115,210	155,839	—	—	270,581	116,793	153,788	—	—
First-time	78,337	78,640	30,932	47,708	—	—	79,089	32,394	46,695	—	—
Other	188,881	192,409	84,278	108,131	—	—	191,492	84,399	107,093	—	—
Part-time	31,040	31,424	5,488	25,936	—	—	32,609	6,092	26,517	—	—
First-time	9,577	8,923	1,032	7,891	—	—	9,822	1,019	8,803	—	—
Other	21,463	22,501	4,456	18,045	—	—	22,787	5,073	17,714	—	—
Graduate students	1,753,489	1,767,557	1,066,859	700,698	—	—	1,806,803	1,076,341	730,298	164	—
Full-time	752,246	753,578	438,524	315,054	—	—	780,838	447,296	333,540	2	—
Degree seeking	704,719	706,605	401,819	304,786	—	—	733,963	409,388	324,573	2	—
First-time	229,058	228,947	123,339	105,608	—	—	243,171	128,914	114,257	0	—
Other degree seeking	475,661	477,658	278,480	199,178	—	—	490,792	280,474	210,316	2	—
Others in credit courses	47,527	46,973	36,705	10,268	—	—	46,875	37,908	8,967	0	—
Part-time	1,001,243	1,013,979	628,335	385,644	—	—	1,025,965	629,045	396,758	162	—
Degree seeking	773,236	784,120	452,607	331,513	—	—	791,075	454,770	336,199	106	—
First-time	151,146	154,972	79,916	75,056	—	—	162,094	82,644	79,443	7	—
Other degree seeking	622,090	629,148	372,691	256,457	—	—	628,981	372,126	256,756	99	—
Others in credit courses	228,007	229,859	175,728	54,131	—	—	234,890	174,275	60,559	56	—

—Not available.

NOTE: Data for 1998 revised from previously published figures. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment" surveys. (This table was prepared April 2001.)

Table 182.—Total first-time freshmen enrolled in degree-granting institutions, by sex of student, attendance status, and type and control of institution: Fall 1955 to fall 1999

[In thousands]

Year	Total, all freshmen	Full-time	Part-time	Men			Women			Type of institution, by control			
				Total	Full-time	Part-time	Total	Full-time	Part-time	4-year		2-year	
										Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Institutions of higher education												
1955[1]	670	—	—	416	—	—	254	—	—	[2]283	[2]247	[2]117	[2]23
1956[1]	718	—	—	443	—	—	275	—	—	[2]293	[2]262	[2]137	[2]25
1957[1]	724	—	—	442	—	—	282	—	—	[2]294	[2]263	[2]141	[2]27
1958[1]	775	—	—	465	—	—	310	—	—	[2]328	[2]272	[2]146	[2]29
1959[1]	822	—	—	488	—	—	334	—	—	[2]348	[2]292	[2]153	[2]28
1960[1]	923	—	—	540	—	—	384	—	—	[2]396	[2]313	[2]182	[2]32
1961[1]	1,018	—	—	592	—	—	426	—	—	[2]438	[2]336	[2]210	[2]34
1962[1]	1,031	—	—	598	—	—	432	—	—	[2]445	[2]325	[2]225	[2]36
1963[1]	1,046	—	—	604	—	—	442	—	—	—	—	—	—
1964[1]	1,225	—	—	702	—	—	523	—	—	[2]539	[2]363	[2]275	[2]47
1965[1]	1,442	—	—	829	—	—	613	—	—	[2]642	[2]399	[2]348	[2]53
1966	1,554	—	—	890	—	—	665	—	—	[2]626	[2]383	[2]478	[2]67
1967	1,641	1,336	305	931	761	170	710	574	136	[2]645	[2]368	[2]561	[2]67
1968	1,893	1,471	422	1,082	847	235	810	624	187	[2]725	[2]378	[2]718	[2]72
1969	1,967	1,525	442	1,118	876	242	849	649	200	[2]737	[2]393	[2]776	[2]61
1970	2,063	1,587	476	1,152	896	256	911	691	221	[2]754	[2]397	[2]854	[2]58
1971	2,119	1,606	513	1,171	896	275	949	710	238	[2]738	[2]386	[2]937	[2]58
1972	2,153	1,574	579	1,158	858	299	995	716	279	680	381	1,037	55
1973	2,226	1,607	619	1,182	867	315	1,044	740	304	699	379	1,089	59
1974	2,366	1,673	692	1,244	896	348	1,122	777	345	746	386	1,176	58
1975	2,515	1,763	752	1,328	942	386	1,187	821	366	772	395	1,284	64
1976	2,347	1,662	685	1,170	855	316	1,177	808	369	717	414	1,153	63
1977	2,394	1,681	714	1,156	840	316	1,239	841	398	737	405	1,186	67
1978	2,390	1,651	739	1,142	817	324	1,248	834	414	737	407	1,174	73
1979	2,503	1,707	796	1,180	840	340	1,323	866	457	760	415	1,254	74
1980	2,588	1,750	838	1,219	862	357	1,369	887	481	765	418	1,314	9
1981	2,595	1,738	858	1,218	852	366	1,378	886	492	754	419	1,318	10
1982	2,505	1,689	817	1,199	837	362	1,306	851	455	731	404	1,254	116
1983	2,444	1,678	766	1,159	825	334	1,285	853	431	728	404	1,190	122
1984	2,357	1,613	744	1,112	786	326	1,245	827	418	714	403	1,130	110
1985	2,292	1,602	690	1,076	775	301	1,216	827	389	717	399	1,060	116
1986	2,219	1,589	630	1,047	769	278	1,173	821	352	720	392	991	[3]117
1987	2,246	1,627	620	1,047	779	267	1,200	847	352	758	405	980	104
1988	2,379	1,699	680	1,100	807	293	1,279	892	387	783	426	1,049	121
1989	2,341	1,657	684	1,095	791	303	1,246	865	381	762	414	1,049	[3]116
1990	2,257	1,617	640	1,045	771	274	1,211	846	366	727	400	1,041	[4]88
1991	2,278	1,653	625	1,068	798	270	1,209	855	355	718	393	1,070	[4]97
1992	2,184	1,604	580	1,013	760	253	1,171	843	328	697	408	993	[4]85
1993	2,161	1,608	552	1,008	762	245	1,153	846	307	702	411	974	[4]74
1994	2,133	1,603	530	985	751	233	1,149	852	297	709	406	952	[4]66
1995	2,169	1,647	522	1,001	767	234	1,168	880	288	732	419	955	[4]63
1996	2,193	1,674	519	1,014	779	234	1,180	895	285	741	426	968	[4]58
1997	2,147	1,681	466	992	781	211	1,155	900	255	755	438	897	[4]57
	Degree-granting institutions												
1996	2,274	1,740	534	1,047	806	241	1,228	934	294	741	427	990	[4]116
1997	2,219	1,734	486	1,026	806	220	1,193	927	266	755	442	924	[4]98
1998[5]	2,213	1,775	437	1,023	826	197	1,190	950	240	793	461	858	[4]100
1999[6]	2,352	1,845	507	1,092	863	228	1,260	982	278	819	474	952	[4]107

—Not available.

[1] Excludes first-time freshmen in occupational programs not creditable towards a bachelor's degree.

[2] Data for 2-year branches of 4-year college systems are aggregated with the 4-year institutions.

[3] Because of imputation techniques, data are not consistent with figures for other years.

[4] Data not comparable with pre-1990 figures because of a change in reporting procedures.

[5] Data revised from previously published figures.

[6] Data imputed using alternative methods. (See *Guide to Sources* for details.)

NOTE: Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The Department of Education no longer distinguishes between those institutions and other institutions that participated in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Alaska and Hawaii are included in all years. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Fall Enrollment in Higher Education*, various years; "Fall Enrollment in Colleges and Universities" survey; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared April 2001.)

Table 183.—Total first-time freshmen enrolled in degree-granting institutions, by attendance status, sex, control of institution, and state: Fall 1994 to fall 1999

State or other area	Institutions of higher education		Degree-granting institutions			Degree-granting institutions, fall 1999								
	Fall 1994	Fall 1995	Total, fall 1996	Total, fall 1997	Total, fall 1998	Total	Full-time			Part-time			Public institutions	Private institutions
							Total	Men	Women	Total	Men	Women		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	2,133,205	2,168,831	2,274,319	2,219,255	2,212,593	2,351,932	1,845,407	863,377	982,030	506,525	228,425	278,100	1,771,276	580,656
Alabama	41,542	37,166	37,185	37,511	37,821	39,013	31,596	14,281	17,315	7,417	3,281	4,136	33,584	5,429
Alaska	1,835	1,880	1,946	2,404	2,511	2,217	1,783	815	968	434	161	273	2,015	202
Arizona	32,753	37,049	40,724	38,936	41,253	38,235	27,606	13,788	13,818	10,629	5,096	5,533	29,413	8,822
Arkansas	16,378	16,924	20,633	20,030	20,865	21,474	18,836	8,314	10,522	2,638	1,093	1,545	18,460	3,014
California	258,687	272,715	289,519	210,363	213,243	284,667	171,838	80,583	91,255	112,829	54,196	58,633	239,512	45,155
Colorado	31,001	32,775	34,377	34,871	37,992	38,080	28,416	14,569	13,847	9,664	4,788	4,876	30,292	7,788
Connecticut	21,259	21,268	21,177	20,796	21,970	23,173	19,657	9,186	10,471	3,516	1,390	2,126	14,001	9,172
Delaware	6,921	8,092	7,854	8,079	7,812	8,292	6,779	2,839	3,940	1,513	505	1,008	6,272	2,020
District of Columbia	9,706	9,077	8,645	8,256	8,843	8,878	7,385	2,974	4,411	1,493	541	952	1,171	7,707
Florida	71,318	72,722	78,146	87,159	90,794	91,068	71,447	34,055	37,392	19,621	8,544	11,077	66,070	24,998
Georgia	58,991	59,829	53,725	51,905	53,673	56,139	45,327	20,516	24,811	10,812	4,588	6,224	42,715	13,424
Hawaii	10,309	9,524	9,726	10,150	9,519	8,957	6,365	2,896	3,469	2,592	1,174	1,418	7,250	1,707
Idaho	10,646	10,103	10,915	10,837	11,078	11,202	9,717	4,502	5,215	1,485	650	835	7,871	3,331
Illinois	111,309	109,483	106,383	107,579	108,933	110,246	77,004	36,709	40,295	33,242	15,346	17,896	84,024	26,222
Indiana	48,059	51,071	53,257	53,433	55,003	56,950	49,216	23,261	25,955	7,734	3,317	4,417	40,338	16,612
Iowa	35,229	35,097	39,938	38,985	37,709	40,071	31,136	15,336	15,800	8,935	3,714	5,221	31,373	8,698
Kansas	24,641	29,083	28,055	27,056	27,313	29,809	21,775	10,850	10,925	8,034	3,821	4,213	26,620	3,189
Kentucky	28,983	29,024	29,318	29,222	30,299	30,831	27,437	11,821	15,616	3,394	1,432	1,962	23,417	7,414
Louisiana	30,951	31,412	39,710	38,727	40,654	41,212	35,258	15,099	20,159	5,954	2,724	3,230	34,237	6,975
Maine	8,149	8,273	8,455	8,226	8,643	8,983	7,972	3,706	4,266	1,011	336	675	5,903	3,080
Maryland	31,647	32,993	33,198	33,875	35,545	39,082	27,706	12,582	15,124	11,376	4,263	7,113	33,553	5,529
Massachusetts	65,768	64,892	62,804	62,493	63,300	65,051	57,041	25,862	31,179	8,010	3,082	4,928	28,779	36,272
Michigan	83,697	76,360	76,367	77,755	80,293	83,746	62,940	28,946	33,994	20,806	9,214	11,592	67,429	16,317
Minnesota	43,783	46,794	54,288	44,926	45,399	59,964	45,693	22,302	23,391	14,271	6,376	7,895	47,112	12,852
Mississippi	25,862	26,602	27,669	28,393	28,775	28,657	24,798	11,059	13,739	3,859	1,490	2,369	26,804	1,853
Missouri	38,544	39,610	41,639	41,417	44,320	45,975	39,179	17,722	21,457	6,796	3,115	3,681	29,705	16,270
Montana	6,819	7,473	8,248	8,047	7,904	8,012	7,060	3,449	3,611	952	394	558	7,321	691
Nebraska	16,616	16,147	18,053	18,075	17,648	19,970	16,368	7,889	8,479	3,602	1,557	2,045	15,381	4,589
Nevada	6,939	6,799	7,572	10,113	11,312	9,758	5,554	2,479	3,075	4,204	1,975	2,229	8,270	1,488
New Hampshire	11,373	11,789	10,872	11,039	10,505	11,168	9,924	4,461	5,463	1,244	550	694	6,069	5,099
New Jersey	43,063	45,308	45,927	47,327	48,577	53,197	42,934	20,303	22,631	10,263	4,588	5,675	43,059	10,138
New Mexico	13,864	12,104	14,141	15,102	15,391	14,996	11,548	5,457	6,091	3,448	1,433	2,015	13,665	1,331
New York	155,922	151,682	153,439	154,024	157,476	162,406	146,796	68,422	78,374	15,610	6,607	9,003	91,832	70,574
North Carolina	51,346	51,706	53,826	61,065	66,609	67,381	54,302	24,477	29,825	13,079	5,817	7,262	53,189	14,192
North Dakota	8,122	8,386	8,684	7,936	8,293	8,620	7,571	3,960	3,611	1,049	451	598	7,555	1,065
Ohio	88,585	89,510	95,202	92,730	96,062	93,898	79,868	37,562	42,306	14,030	6,241	7,789	67,517	26,381
Oklahoma	29,627	28,474	28,701	29,411	32,009	34,028	25,584	12,147	13,437	8,444	3,602	4,842	30,904	3,124
Oregon	23,321	20,562	22,598	22,450	22,523	24,530	18,629	8,939	9,690	5,901	2,850	3,051	20,006	4,524
Pennsylvania	98,488	101,053	110,785	111,864	112,170	119,899	103,292	49,541	53,751	16,607	7,071	9,536	66,837	53,062
Rhode Island	12,645	12,745	12,643	13,848	14,372	14,071	12,389	5,972	6,417	1,682	650	1,032	6,224	7,847
South Carolina	28,577	29,036	30,719	31,187	32,026	31,517	26,677	11,576	15,101	4,840	2,064	2,776	25,764	5,753
South Dakota	6,607	6,378	8,352	7,783	8,504	9,542	8,652	4,293	4,359	890	349	541	7,966	1,576
Tennessee	34,180	36,628	37,384	38,262	38,626	39,410	35,633	16,117	19,516	3,777	1,644	2,133	27,072	12,338
Texas	127,586	131,905	141,837	145,218	157,878	163,120	115,660	54,839	60,821	47,460	21,868	25,592	139,039	24,081
Utah	24,383	24,041	26,841	28,101	25,893	25,695	19,616	8,951	10,665	6,079	3,213	2,866	18,968	6,727
Vermont	6,132	6,506	6,702	7,169	6,812	6,914	6,108	3,123	2,985	806	269	537	3,860	3,054
Virginia	45,272	46,533	47,360	48,385	51,131	50,830	44,052	19,566	24,486	6,778	2,999	3,779	38,459	12,371
Washington	68,613	73,255	86,677	96,017	32,910	33,484	28,944	13,608	15,336	4,540	2,015	2,525	27,260	6,224
West Virginia	15,928	15,880	16,717	15,356	16,164	15,797	14,386	6,904	7,482	1,411	563	848	13,340	2,457
Wisconsin	46,479	49,201	50,285	50,925	49,859	54,017	42,548	19,726	22,822	11,469	5,302	6,167	46,452	7,565
Wyoming	4,814	4,626	4,458	4,695	4,421	3,912	3,617	1,819	1,798	295	116	179	3,559	353
U.S. Service Schools	9,936	11,286	10,643	9,742	3,958	3,788	3,788	3,224	564	—	—	—	3,788	—
Outlying areas	30,573	38,714	37,312	36,163	34,572	36,540	33,409	13,570	19,839	3,131	1,440	1,691	16,052	20,488
American Samoa	948	943	954	954	435	723	172	71	101	551	226	325	723	—
Federated States of Micronesia	410	354	417	365	366	616	529	240	289	87	41	46	616	—
Guam	956	478	484	616	562	607	459	190	269	148	78	70	607	—
Marshall Islands	22	22	121	159	190	236	130	79	51	106	59	47	236	—
Northern Marianas	440	153	113	163	117	333	163	78	85	170	61	109	333	—
Palau	13	14	109	83	140	115	108	56	52	7	0	7	115	—
Puerto Rico	27,408	36,343	34,781	33,522	32,448	33,489	31,543	12,779	18,764	1,946	941	1,005	13,001	20,488
Virgin Islands	376	407	333	301	314	421	305	77	228	116	34	82	421	—

—Not available.

NOTE: Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Data for 1998 revised from previously published figures. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment" surveys. (This table was prepared April 2001.)

Table 184.—College enrollment rates of high school graduates, by race/ethnicity: 1960 to 2000

[Numbers in thousands]

Year	High school graduates[1]				Enrolled in college[2]								
	Total	White[3]	Black[1,4]	Hispanic[4]	Total		White[3]		Black[1,4]		Hispanic[4]		
											Number	Percent	
					Number	Percent	Number	Percent	Number	Percent		Annual	3-year moving average
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1960	1,679 (44)	1,565 (45)	—	—	758 (41)	45.1 (2.1)	717 (40)	45.8 (2.2)	—	—	—	—	—
1961	1,763 (46)	1,612 (47)	—	—	847 (43)	48.0 (2.1)	798 (42)	49.5 (2.2)	—	—	—	—	—
1962	1,838 (44)	1,660 (45)	—	—	900 (43)	49.0 (2.0)	840 (42)	50.6 (2.2)	—	—	—	—	—
1963	1,741 (44)	1,615 (45)	—	—	784 (42)	45.0 (2.1)	736 (41)	45.6 (2.2)	—	—	—	—	—
1964	2,145 (43)	1,964 (45)	—	—	1,037 (46)	48.3 (1.9)	967 (45)	49.2 (2.0)	—	—	—	—	—
1965	2,659 (48)	2,417 (51)	—	—	1,354 (51)	50.9 (1.7)	1,249 (50)	51.7 (1.8)	—	—	—	—	—
1966	2,612 (45)	2,403 (48)	—	—	1,309 (50)	50.1 (1.7)	1,243 (50)	51.7 (1.8)	—	—	—	—	—
1967	2,525 (38)	2,267 (40)	—	—	1,311 (41)	51.9 (1.4)	1,202 (40)	53.0 (1.5)	—	—	—	—	—
1968	2,606 (37)	2,303 (40)	—	—	1,444 (42)	55.4 (1.4)	1,304 (41)	56.6 (1.5)	—	—	—	—	—
1969	2,842 (40)	2,538 (43)	—	—	1,516 (44)	53.3 (1.3)	1,402 (43)	55.2 (1.4)	—	—	—	—	—
1970	2,757 (39)	2,461 (42)	—	—	1,427 (42)	51.8 (1.4)	1,280 (41)	52.0 (1.4)	—	—	—	—	—
1971	2,872 (39)	2,596 (42)	—	—	1,535 (43)	53.4 (1.3)	1,402 (43)	54.0 (1.4)	—	—	—	—	—
1972	2,961 (39)	2,614 (43)	—	—	1,457 (43)	49.2 (1.3)	1,292 (42)	49.4 (1.4)	—	—	—	—	—
1973	3,059 (39)	2,707 (43)	—	—	1,425 (43)	46.6 (1.3)	1,302 (42)	48.1 (1.4)	—	—	—	—	—
1974	3,101 (40)	2,736 (43)	—	—	1,474 (44)	47.5 (1.3)	1,288 (42)	47.1 (1.4)	—	—	—	—	—
1975	3,186 (40)	2,825 (44)	—	—	1,615 (45)	50.7 (1.3)	1,446 (44)	51.2 (1.3)	—	—	—	—	—
1976	2,987 (43)	2,640 (45)	320 (24)	152 (24)	1,458 (44)	48.8 (1.3)	1,291 (43)	48.9 (1.4)	134 (16)	41.9 (3.9)	80 (17)	52.6 (8.0)	—
1977	3,140 (42)	2,768 (45)	335 (29)	156 (24)	1,590 (46)	50.6 (1.3)	1,403 (44)	50.7 (1.4)	166 (21)	49.6 (4.6)	80 (18)	51.3 (7.9)	48.9 (4.7)
1978	3,161 (42)	2,750 (45)	352 (30)	133 (23)	1,584 (46)	50.1 (1.3)	1,378 (44)	50.1 (1.4)	161 (21)	45.7 (4.5)	57 (15)	42.9 (8.5)	46.3 (4.7)
1979	3,160 (42)	2,776 (46)	324 (29)	154 (24)	1,559 (46)	49.3 (1.3)	1,376 (44)	49.6 (1.4)	147 (20)	45.4 (4.6)	69 (16)	44.8 (8.0)	46.8 (4.9)
1980	3,089 (42)	2,682 (46)	361 (31)	129 (22)	1,524 (45)	49.3 (1.3)	1,339 (44)	49.9 (1.4)	151 (21)	41.8 (4.3)	68 (16)	52.7 (8.7)	49.9 (4.8)
1981	3,053 (42)	2,626 (45)	359 (30)	146 (24)	1,646 (46)	53.9 (1.3)	1,434 (44)	54.6 (1.4)	154 (20)	42.9 (4.4)	76 (17)	52.1 (8.2)	49.3 (4.7)
1982	3,100 (42)	2,644 (47)	384 (33)	174 (27)	1,588 (47)	50.6 (1.4)	1,376 (46)	52.0 (1.5)	140 (21)	36.5 (4.3)	75 (18)	43.1 (7.9)	49.8 (4.9)
1983	2,964 (41)	2,496 (46)	392 (33)	138 (24)	1,562 (47)	52.7 (1.4)	1,372 (45)	55.0 (1.5)	151 (21)	38.5 (4.3)	75 (18)	54.3 (8.9)	47.3 (4.7)
1984	3,012 (38)	2,514 (44)	438 (35)	185 (28)	1,662 (46)	55.2 (1.4)	1,455 (45)	57.9 (1.5)	176 (23)	40.2 (4.1)	82 (19)	44.3 (7.7)	49.9 (4.9)
1985	2,666 (41)	2,241 (45)	333 (31)	141 (27)	1,539 (45)	57.7 (1.5)	1,332 (44)	59.4 (1.6)	141 (21)	42.3 (4.8)	72 (19)	51.1 (9.8)	46.6 (5.2)
1986	2,786 (39)	2,307 (44)	386 (33)	169 (29)	1,499 (45)	53.8 (1.4)	1,292 (44)	56.0 (1.6)	141 (21)	36.5 (4.3)	75 (20)	44.4 (8.9)	43.0 (5.2)
1987	2,647 (42)	2,207 (46)	337 (31)	176 (30)	1,503 (46)	56.8 (1.5)	1,249 (44)	56.6 (1.6)	175 (23)	51.9 (4.8)	59 (18)	33.5 (8.2)	45.0 (5.0)
1988	2,673 (47)	2,187 (51)	382 (36)	179 (36)	1,575 (50)	58.9 (1.6)	1,328 (49)	60.7 (1.7)	172 (25)	45.0 (4.9)	102 (27)	57.0 (10.1)	48.6 (6.0)
1989	2,454 (50)	2,051 (52)	337 (34)	168 (35)	1,463 (50)	59.6 (1.6)	1,238 (48)	60.4 (1.8)	178 (25)	52.8 (5.2)	93 (26)	55.4 (10.5)	53.2 (6.4)
1990	2,355 (44)	1,921 (47)	341 (32)	112 (25)	1,410 (46)	59.9 (1.6)	1,182 (45)	61.5 (1.8)	158 (23)	46.3 (5.0)	53 (17)	47.3 (11.3)	53.3 (5.8)
1991	2,276 (44)	1,867 (46)	320 (32)	154 (29)	1,420 (46)	62.4 (1.6)	1,207 (44)	64.6 (1.8)	146 (22)	45.6 (5.2)	88 (22)	57.1 (9.6)	53.1 (5.6)
1992	2,398 (42)	1,900 (46)	353 (33)	199 (33)	1,479 (46)	61.7 (1.6)	1,204 (44)	63.4 (1.8)	169 (23)	47.9 (4.9)	109 (25)	54.8 (8.5)	58.1 (5.0)
1993	2,338 (44)	1,910 (46)	302 (31)	200 (33)	1,464 (46)	62.6 (1.6)	1,200 (45)	62.8 (1.8)	168 (23)	55.6 (5.3)	125 (26)	62.5 (8.2)	55.4 (5.0)
1994	2,517 (39)	2,065 (43)	318 (27)	178 (22)	1,559 (43)	61.9 (1.4)	1,313 (42)	63.6 (1.6)	162 (20)	50.9 (4.4)	87 (15)	48.9 (6.3)	55.1 (3.2)
1995	2,599 (40)	2,088 (44)	356 (28)	288 (27)	1,610 (44)	61.9 (1.4)	1,308 (43)	62.6 (1.6)	183 (21)	51.4 (4.2)	155 (20)	53.8 (4.9)	51.1 (3.2)
1996	2,660 (41)	2,092 (46)	416 (31)	227 (25)	1,729 (46)	65.0 (1.4)	1,377 (45)	65.8 (1.6)	230 (24)	55.3 (4.0)	115 (18)	50.7 (5.8)	56.7 (3.0)
1997	2,769 (42)	2,228 (46)	394 (31)	336 (31)	1,856 (47)	67.0 (1.4)	1,504 (46)	67.5 (1.5)	235 (24)	59.6 (4.0)	220 (25)	65.5 (4.5)	54.5 (2.9)
1998	2,810 (44)	2,277 (48)	393 (31)	314 (30)	1,844 (48)	65.6 (1.4)	1,499 (47)	65.8 (1.5)	244 (25)	62.1 (4.0)	149 (21)	47.5 (4.9)	51.7 (2.8)
1999	2,897 (43)	2,287 (48)	453 (33)	329 (30)	1,822 (48)	62.9 (1.4)	1,437 (47)	62.8 (1.6)	268 (26)	59.2 (3.8)	139 (20)	42.2 (4.8)	47.6 (2.8)
2000	2,756 (45)	2,219 (49)	404 (31)	300 (29)	1,745 (48)	63.3 (1.4)	1,420 (47)	64.0 (1.6)	227 (24)	56.2 (4.0)	159 (22)	53.0 (5.0)	—

—Not available.

[1] Individuals age 16 to 24 who graduated from high school or completed a GED during the preceding 12 months.

[2] Enrollment in college as of October of each year for individuals age 16 to 24 who graduated from high school during the preceding 12 months.

[3] Includes persons of Hispanic origin.

[4] Due to the small sample size, data are subject to relatively large sampling errors.

NOTE: Data are based upon sample surveys of the civilian population. High school graduate data in this table differ from figures appearing in other tables because of varying survey procedures and coverage. High school graduates include GED recipients. Standard errors appear in parentheses.

SOURCE: American College Testing Program, unpublished tabulations, derived from statistics collected by the U.S. Bureau of the Census; and U.S. Department of Labor, *College Enrollment of High School Graduates*, various years. (This table was prepared May 2001.)

Table 185.—College enrollment rates of high school graduates, by sex: 1960 to 2000

[Numbers in thousands]

Year	Total high school graduates[1]			Enrolled in college[2]					
	Total	Males	Females	Total		Males		Females	
				Number	Percent	Number	Percent	Number	Percent
1	2	3	4	5	6	7	8	9	10
1960	1,679 (44)	756 (32)	923 (30)	758 (41)	45.1 (2.1)	408 (30)	54.0 (3.2)	350 (28)	37.9 (2.8)
1962	1,838 (44)	872 (32)	966 (30)	900 (43)	49.0 (2.0)	480 (31)	55.0 (3.0)	420 (30)	43.5 (2.8)
1964	2,145 (43)	997 (32)	1,148 (28)	1,037 (46)	48.3 (1.9)	570 (33)	57.2 (2.8)	467 (31)	40.7 (2.5)
1965	2,659 (48)	1,254 (35)	1,405 (32)	1,354 (51)	50.9 (1.7)	718 (37)	57.3 (2.5)	636 (36)	45.3 (2.3)
1966	2,612 (45)	1,207 (34)	1,405 (29)	1,309 (50)	50.1 (1.7)	709 (36)	58.7 (2.5)	600 (35)	42.7 (2.3)
1968	2,606 (37)	1,184 (28)	1,422 (24)	1,444 (42)	55.4 (1.4)	748 (30)	63.2 (2.0)	696 (29)	48.9 (1.9)
1969	2,842 (36)	1,352 (27)	1,490 (24)	1,516 (43)	53.3 (1.3)	812 (30)	60.1 (1.9)	704 (30)	47.2 (1.8)
1970	2,757 (39)	1,343 (28)	1,414 (27)	1,427 (42)	51.8 (1.4)	741 (30)	55.2 (1.9)	686 (30)	48.5 (1.9)
1971	2,872 (39)	1,369 (29)	1,503 (26)	1,535 (43)	53.4 (1.3)	788 (31)	57.6 (1.9)	747 (31)	49.7 (1.8)
1972	2,961 (39)	1,420 (29)	1,541 (27)	1,457 (43)	49.2 (1.3)	749 (31)	52.7 (1.9)	708 (30)	45.9 (1.8)
1973	3,059 (39)	1,458 (29)	1,601 (26)	1,425 (43)	46.6 (1.3)	730 (31)	50.1 (1.9)	695 (30)	43.4 (1.8)
1974	3,101 (40)	1,491 (29)	1,610 (27)	1,474 (44)	47.5 (1.3)	736 (31)	49.4 (1.8)	738 (31)	45.8 (1.8)
1975	3,186 (40)	1,513 (30)	1,673 (27)	1,615 (45)	50.7 (1.3)	796 (32)	52.6 (1.8)	819 (32)	49.0 (1.7)
1976	2,987 (43)	1,450 (31)	1,537 (30)	1,458 (44)	48.8 (1.3)	685 (31)	47.2 (1.9)	773 (32)	50.3 (1.8)
1977	3,140 (42)	1,482 (31)	1,658 (28)	1,590 (46)	50.6 (1.3)	773 (32)	52.2 (1.9)	817 (32)	49.3 (1.8)
1978	3,161 (42)	1,485 (31)	1,676 (28)	1,584 (46)	50.1 (1.3)	758 (32)	51.0 (1.9)	826 (33)	49.3 (1.8)
1979	3,160 (42)	1,474 (31)	1,686 (28)	1,559 (46)	49.3 (1.3)	743 (32)	50.4 (1.9)	816 (33)	48.4 (1.8)
1980	3,089 (42)	1,500 (30)	1,589 (29)	1,524 (45)	49.3 (1.3)	701 (31)	46.7 (1.9)	823 (32)	51.8 (1.8)
1981	3,053 (42)	1,490 (30)	1,563 (29)	1,646 (46)	53.9 (1.3)	816 (32)	54.8 (1.9)	830 (32)	53.1 (1.8)
1982	3,100 (42)	1,508 (31)	1,592 (29)	1,568 (47)	50.6 (1.4)	739 (33)	49.0 (2.0)	829 (34)	52.1 (1.9)
1983	2,964 (41)	1,390 (31)	1,574 (27)	1,562 (47)	52.7 (1.4)	721 (32)	51.9 (2.0)	841 (33)	53.4 (1.9)
1984	3,012 (38)	1,429 (28)	1,583 (24)	1,662 (46)	55.2 (1.4)	800 (33)	56.0 (2.0)	862 (33)	54.5 (1.9)
1985	2,666 (41)	1,286 (30)	1,380 (28)	1,539 (45)	57.7 (1.5)	754 (32)	58.6 (2.1)	785 (32)	56.9 (2.0)
1986	2,786 (39)	1,331 (29)	1,455 (26)	1,499 (45)	53.8 (1.4)	744 (32)	55.9 (2.1)	755 (32)	51.9 (2.0)
1987	2,647 (42)	1,278 (31)	1,369 (29)	1,503 (46)	56.8 (1.5)	746 (32)	58.4 (2.1)	757 (32)	55.3 (2.0)
1988	2,673 (47)	1,334 (33)	1,339 (33)	1,575 (50)	58.9 (1.6)	761 (35)	57.0 (2.2)	814 (36)	60.8 (2.2)
1989	2,454 (50)	1,208 (36)	1,245 (35)	1,463 (50)	59.6 (1.6)	696 (35)	57.6 (2.3)	767 (36)	61.6 (2.3)
1990	2,355 (44)	1,169 (31)	1,185 (31)	1,410 (46)	59.9 (1.6)	676 (32)	57.8 (2.3)	735 (33)	62.0 (2.2)
1991	2,276 (44)	1,139 (31)	1,137 (31)	1,420 (46)	62.4 (1.6)	656 (32)	57.6 (2.3)	763 (33)	67.1 (2.2)
1992	2,398 (42)	1,216 (30)	1,182 (30)	1,479 (46)	61.7 (1.6)	725 (32)	59.6 (2.2)	754 (33)	63.8 (2.2)
1993	2,338 (44)	1,118 (32)	1,219 (30)	1,464 (46)	62.6 (1.6)	668 (32)	59.7 (2.3)	797 (33)	65.4 (2.2)
1994	2,517 (39)	1,244 (28)	1,273 (27)	1,559 (43)	61.9 (1.4)	754 (30)	60.6 (2.0)	805 (31)	63.2 (2.0)
1995	2,599 (40)	1,238 (29)	1,361 (27)	1,610 (44)	61.9 (1.4)	775 (31)	62.6 (2.0)	835 (31)	61.4 (1.9)
1996	2,660 (41)	1,297 (30)	1,363 (28)	1,729 (46)	65.0 (1.4)	779 (32)	60.1 (2.1)	950 (33)	69.7 (1.9)
1997	2,769 (42)	1,354 (30)	1,415 (29)	1,856 (47)	67.0 (1.4)	860 (33)	63.5 (2.0)	995 (33)	70.3 (1.9)
1998	2,810 (44)	1,452 (30)	1,358 (32)	1,844 (48)	65.6 (1.4)	906 (34)	62.4 (2.0)	938 (34)	69.1 (1.9)
1999	2,897 (43)	1,474 (30)	1,423 (31)	1,822 (48)	62.9 (1.4)	905 (34)	61.4 (2.0)	917 (34)	64.4 (2.0)
2000	2,756 (45)	1,251 (33)	1,505 (30)	1,745 (48)	63.3 (1.4)	749 (33)	59.9 (2.1)	996 (34)	66.2 (1.9)

[1] Individuals age 16 to 24 who graduated from high school or completed a GED during the preceding 12 months.

[2] Enrollment in college as of October of each year for individuals age 16 to 24 who graduated from high school during the preceding 12 months.

NOTE: Data are based upon sample surveys of the civilian population. High school graduate data in this table differ from figures appearing in other tables because of varying survey procedures and coverage. High school graduates include GED recipients. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: American College Testing Program, unpublished tabulations, derived from statistics collected by the U.S. Bureau of the Census; and U.S. Department of Labor, *College Enrollment of High School Graduates*, various years. (This table was prepared July 2001.)

Table 186.—Graduation, college preparation, and college application rates of high school students, by selected school characteristics: 1993–94

Selected school characteristics	Public schools			Private schools		
	Number of schools with 12th-graders	1993 graduation rate of fall 1992 12th-graders	Average college application rate of 12th-graders	Number of schools with 12th-graders	1993 graduation rate of fall 1992 12th-graders	Average college application rate of 12th-graders
1	2	3	4	5	6	7
Total	**17,838**	**92.6**	**57.4**	**7,875**	**98.2**	**87.5**
Percent minority students						
Less than 5%	6,843	94.1	56.4	2,926	98.9	84.8
5% to 19%	3,784	93.7	60.2	2,735	98.5	90.0
20% to 49%	3,850	92.1	58.5	1,439	97.7	90.2
50% or more	3,360	90.1	54.2	775	96.5	79.9
Community type						
Central city	2,949	89.7	56.5	2,808	98.3	89.0
Suburban/large town	3,798	92.5	61.6	2,486	98.4	88.1
Small town/rural	11,091	94.6	54.3	2,581	97.6	81.5

NOTE: Data are based upon a sample survey and may not be strictly comparable with data reported elsewhere. Only includes schools with students enrolled in 12th grade. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared September 1996, new data forthcoming in 2002.)

Table 187.—Enrollment rates of 18- to 24-year-olds in degree-granting institutions, by race/ethnicity: 1967 to 2000

Year	Enrollment as a percent of all 18- to 24-year-olds						Enrollment as a percent of all 18- to 24-year-old high school graduates[1]					
	Total	Sex		Race/ethnicity			Total	Sex		Race/ethnicity		
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic
1	2	3	4	5	6	7	8	9	10	11	12	13
1967[2]	25.5 (0.4)	33.1 (0.7)	19.2 (0.5)	26.9 (0.5)	13.0 (1.2)	— —	33.7 (0.5)	44.7 (0.9)	25.1 (0.7)	34.5 (0.6)	23.3 (2.0)	— —
1968[2]	26.1 (0.4)	34.1 (0.7)	19.5 (0.5)	27.5 (0.5)	14.5 (1.2)	— —	34.2 (0.5)	45.9 (0.9)	25.0 (0.7)	34.9 (0.6)	25.2 (1.9)	— —
1969[2]	27.3 (0.4)	35.2 (0.7)	20.9 (0.5)	28.7 (0.5)	16.0 (1.2)	— —	35.0 (0.5)	45.6 (0.8)	26.4 (0.7)	35.6 (0.6)	27.2 (1.9)	— —
1970[2]	25.7 (0.4)	32.1 (0.7)	20.3 (0.5)	27.1 (0.5)	15.5 (1.2)	— —	32.6 (0.5)	41.0 (0.8)	25.5 (0.6)	33.2 (0.5)	26.0 (1.8)	— —
1971[2]	26.2 (0.4)	32.5 (0.6)	20.8 (0.5)	27.2 (0.4)	18.2 (1.2)	— —	33.2 (0.5)	41.5 (0.8)	26.0 (0.6)	33.5 (0.5)	29.2 (1.8)	— —
1972	25.5 (0.4)	30.2 (0.6)	21.2 (0.5)	27.2 (0.4)	18.3 (1.2)	13.4 (1.8)	31.9 (0.4)	38.2 (0.7)	26.3 (0.6)	32.6 (0.5)	27.2 (1.7)	25.8 (3.3)
1973	24.0 (0.4)	27.7 (0.5)	20.5 (0.5)	25.5 (0.4)	15.9 (1.1)	16.1 (2.0)	29.7 (0.4)	34.6 (0.6)	25.3 (0.6)	30.2 (0.5)	23.8 (1.5)	29.1 (3.4)
1974	24.6 (0.4)	27.7 (0.5)	21.7 (0.5)	25.8 (0.4)	17.6 (1.1)	18.0 (1.9)	30.5 (0.4)	34.7 (0.6)	26.7 (0.6)	30.5 (0.5)	26.2 (1.6)	32.3 (3.2)
1975	26.3 (0.4)	29.0 (0.5)	23.7 (0.5)	27.4 (0.4)	20.4 (1.2)	20.4 (2.1)	32.5 (0.4)	36.2 (0.6)	29.2 (0.6)	32.3 (0.5)	31.5 (1.7)	35.5 (3.3)
1976	26.7 (0.4)	28.2 (0.5)	25.2 (0.5)	27.6 (0.4)	22.5 (1.2)	20.0 (2.0)	33.1 (0.4)	35.6 (0.6)	30.9 (0.6)	32.8 (0.5)	33.4 (1.7)	35.9 (3.2)
1977	26.1 (0.4)	28.1 (0.6)	24.3 (0.5)	27.2 (0.4)	21.1 (1.2)	17.2 (1.9)	32.5 (0.5)	35.6 (0.7)	29.7 (0.6)	32.3 (0.5)	31.3 (1.6)	31.5 (3.1)
1978	25.3 (0.4)	27.1 (0.6)	23.6 (0.5)	26.5 (0.4)	20.1 (1.1)	15.2 (1.7)	31.4 (0.4)	34.1 (0.7)	28.8 (0.6)	31.3 (0.5)	29.6 (1.6)	27.2 (2.9)
1979	25.0 (0.4)	25.9 (0.5)	24.2 (0.5)	26.3 (0.4)	19.8 (1.1)	16.7 (1.8)	31.2 (0.4)	32.9 (0.7)	29.6 (0.6)	31.3 (0.5)	29.4 (1.6)	30.2 (2.9)
1980	25.7 (0.4)	26.4 (0.5)	25.0 (0.5)	27.3 (0.4)	19.4 (1.1)	16.1 (1.6)	31.8 (0.4)	33.5 (0.7)	30.3 (0.6)	32.1 (0.5)	27.6 (1.5)	29.9 (2.8)
1981	26.1 (0.4)	27.1 (0.5)	25.2 (0.5)	27.7 (0.4)	19.9 (1.1)	16.6 (1.6)	32.4 (0.4)	34.7 (0.7)	30.4 (0.6)	32.7 (0.5)	28.0 (1.5)	29.9 (2.7)
1982	26.6 (0.4)	27.2 (0.6)	26.0 (0.5)	28.1 (0.5)	19.9 (1.1)	16.8 (1.8)	33.0 (0.5)	34.5 (0.7)	31.6 (0.6)	33.3 (0.5)	28.1 (1.5)	29.2 (2.8)
1983	26.2 (0.4)	27.3 (0.6)	25.1 (0.5)	27.9 (0.5)	19.2 (1.1)	17.3 (1.8)	32.5 (0.5)	35.0 (0.7)	30.3 (0.6)	33.0 (0.5)	27.0 (1.5)	31.5 (2.9)
1984	27.1 (0.4)	28.6 (0.6)	25.6 (0.6)	28.9 (0.5)	20.3 (1.1)	17.9 (1.8)	33.2 (0.5)	36.0 (0.7)	30.6 (0.6)	33.9 (0.5)	27.2 (1.5)	29.9 (2.8)
1985	27.8 (0.4)	28.4 (0.6)	27.2 (0.6)	30.0 (0.5)	19.6 (1.2)	16.9 (1.8)	33.7 (0.5)	35.3 (0.7)	32.3 (0.7)	34.9 (0.5)	26.0 (1.5)	26.8 (2.7)
1986	27.9 (0.4)	28.2 (0.6)	27.6 (0.6)	29.7 (0.5)	21.9 (1.2)	17.6 (1.8)	34.0 (0.5)	35.3 (0.7)	32.8 (0.7)	34.5 (0.6)	28.6 (1.5)	29.4 (2.7)
1987	29.6 (0.4)	30.6 (0.6)	28.7 (0.6)	31.9 (0.5)	22.8 (1.2)	17.5 (1.7)	36.2 (0.5)	38.3 (0.7)	34.4 (0.7)	37.3 (0.6)	29.5 (1.5)	28.4 (2.6)
1988	30.3 (0.5)	30.2 (0.7)	30.4 (0.7)	33.2 (0.6)	21.2 (1.3)	17.0 (2.0)	37.2 (0.6)	38.3 (0.8)	36.3 (0.8)	38.6 (0.6)	28.1 (1.7)	30.8 (3.3)
1989	30.9 (0.5)	30.2 (0.7)	31.6 (0.7)	34.2 (0.6)	23.4 (1.4)	16.1 (1.9)	38.1 (0.6)	38.3 (0.8)	37.9 (0.8)	39.8 (0.6)	30.7 (1.7)	28.7 (3.1)
1990	32.0 (0.5)	32.3 (0.7)	31.8 (0.7)	35.1 (0.6)	25.4 (1.4)	15.8 (1.7)	39.1 (0.5)	40.0 (0.8)	38.3 (0.8)	40.4 (0.6)	32.7 (1.7)	28.7 (2.8)
1991	33.3 (0.5)	32.8 (0.7)	33.6 (0.7)	36.8 (0.6)	23.5 (1.3)	17.9 (1.7)	41.0 (0.6)	41.5 (0.8)	40.5 (0.8)	42.4 (0.6)	31.2 (1.7)	34.3 (2.9)
1992	34.4 (0.5)	32.7 (0.7)	36.0 (0.7)	37.3 (0.6)	25.2 (1.4)	21.3 (1.9)	41.7 (0.6)	40.7 (0.8)	42.7 (0.8)	42.6 (0.6)	33.5 (1.7)	36.8 (2.9)
1993	34.0 (0.5)	33.6 (0.7)	34.4 (0.7)	36.8 (0.6)	24.5 (1.4)	21.7 (1.9)	41.3 (0.6)	41.7 (0.8)	40.9 (0.8)	42.3 (0.6)	32.4 (1.7)	35.5 (2.6)
1994	34.6 (0.4)	33.1 (0.6)	36.0 (0.6)	38.1 (0.5)	27.7 (1.2)	18.8 (1.1)	42.3 (0.5)	41.6 (0.7)	43.0 (0.7)	43.7 (0.6)	35.6 (1.4)	33.1 (1.8)
1995	34.3 (0.4)	33.1 (0.6)	35.5 (0.6)	37.9 (0.6)	27.5 (1.2)	20.7 (1.1)	42.3 (0.5)	41.7 (0.7)	43.0 (0.7)	44.0 (0.6)	35.4 (1.4)	35.2 (1.7)
1996	35.5 (0.5)	34.1 (0.7)	37.0 (0.7)	39.5 (0.6)	27.4 (1.2)	20.1 (1.2)	43.4 (0.5)	42.5 (0.8)	44.3 (0.8)	45.1 (0.6)	35.9 (1.5)	34.5 (1.8)
1997	36.8 (0.5)	35.0 (0.7)	38.7 (0.7)	40.6 (0.6)	29.8 (1.3)	22.4 (1.2)	45.2 (0.5)	44.0 (0.8)	46.3 (0.8)	46.6 (0.6)	39.5 (1.5)	36.0 (1.8)
1998	36.5 (0.5)	34.5 (0.6)	38.6 (0.7)	40.6 (0.6)	29.8 (1.2)	20.4 (1.1)	45.2 (0.5)	44.3 (0.8)	46.1 (0.7)	46.9 (0.6)	40.0 (1.5)	33.9 (1.7)
1999	35.6 (0.5)	34.1 (0.6)	37.0 (0.6)	39.4 (0.6)	30.4 (1.2)	18.7 (1.1)	43.7 (0.5)	42.9 (0.8)	44.4 (0.7)	45.3 (0.6)	39.2 (1.5)	31.6 (1.7)
2000	35.5 (0.5)	32.6 (0.6)	38.4 (0.6)	38.7 (0.6)	30.5 (1.2)	21.7 (1.1)	43.2 (0.5)	40.8 (0.7)	45.6 (0.7)	44.1 (0.6)	39.3 (1.5)	36.2 (1.7)

—Not available.

[1] Includes students who were enrolled in college, but did not report high school completion.

[2] Data for white and black enrollment include persons of Hispanic origin.

NOTE: Data are based upon sample surveys of the civilian noninstitutional population. Percents based on 18- to 24-year-old high school graduates for 1992 and later years use a slightly different definition of graduation and may not be directly comparable with figures for other years. All college students are counted as high school graduates. Standard errors appear in parentheses. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data. (This table was prepared July 2001.)

Table 188.—Total undergraduate fall enrollment in degree-granting institutions, by attendance status, sex of student, and control of institution: 1969 to 1999

[In thousands]

Year	Total	Full-time	Part-time	Men	Women	Men		Women		Men		Women	
						Full-time	Part-time	Full-time	Part-time	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Institutions of higher education												
1969	6,884	4,991	1,893	4,008	2,876	2,952	1,056	2,039	837	2,997	1,011	2,162	714
1970	7,376	5,280	2,096	4,254	3,122	3,097	1,157	2,183	939	3,241	1,013	2,387	735
1971	7,743	5,512	2,231	4,418	3,325	3,201	1,217	2,311	1,014	3,427	991	2,580	745
1972	7,941	5,488	2,453	4,429	3,512	3,121	1,308	2,367	1,145	3,467	962	2,756	756
1973	8,261	5,580	2,681	4,538	3,723	3,135	1,403	2,445	1,278	3,579	959	2,943	780
1974	8,798	5,726	3,072	4,765	4,033	3,191	1,574	2,535	1,498	3,799	966	3,232	801
1975	9,679	6,169	3,510	5,257	4,422	3,459	1,798	2,710	1,712	4,245	1,012	3,581	841
1976	9,429	6,030	3,399	4,902	4,527	3,242	1,660	2,788	1,739	3,949	953	3,668	859
1977	9,717	6,094	3,623	4,897	4,820	3,188	1,709	2,906	1,914	3,937	960	3,906	914
1978	9,691	5,967	3,724	4,766	4,925	3,072	1,694	2,895	2,030	3,812	954	3,974	951
1979	9,998	6,080	3,919	4,821	5,178	3,087	1,734	2,993	2,185	3,865	956	4,181	995
1980	10,475	6,362	4,113	5,000	5,475	3,227	1,773	3,135	2,340	4,014	985	4,427	1,048
1981	10,755	6,449	4,306	5,109	5,646	3,261	1,848	3,188	2,458	4,090	1,018	4,558	1,088
1982	10,825	6,484	4,341	5,170	5,655	3,299	1,871	3,184	2,470	4,140	1,031	4,573	1,081
1983	10,846	6,514	4,332	5,158	5,688	3,304	1,854	3,210	2,478	4,117	1,042	4,580	1,107
1984	10,618	6,348	4,270	5,007	5,611	3,195	1,812	3,153	2,459	3,990	1,017	4,504	1,107
1985	10,597	6,320	4,277	4,962	5,635	3,156	1,806	3,163	2,471	3,953	1,010	4,525	1,110
1986	10,798	6,352	4,446	5,018	5,780	3,146	1,871	3,206	2,575	4,002	1,015	4,658	1,122
1987	11,046	6,463	4,584	5,068	5,978	3,164	1,905	3,299	2,679	4,076	992	4,842	1,136
1988	11,317	6,642	4,674	5,138	6,179	3,206	1,931	3,436	2,743	4,113	1,024	4,990	1,189
1989	11,743	6,841	4,902	5,311	6,432	3,279	2,032	3,562	2,869	4,272	1,039	5,216	1,216
1990	11,959	6,976	4,983	5,380	6,579	3,337	2,043	3,639	2,940	4,353	1,027	5,357	1,223
1991	12,439	7,221	5,218	5,571	6,868	3,436	2,135	3,786	3,082	4,531	1,040	5,617	1,251
1992	12,538	7,244	5,293	5,583	6,955	3,425	2,158	3,820	3,135	4,537	1,046	5,679	1,275
1993	12,324	7,179	5,144	5,484	6,840	3,382	2,102	3,797	3,043	4,447	1,036	5,565	1,276
1994	12,263	7,169	5,094	5,422	6,840	3,342	2,081	3,827	3,013	4,394	1,028	5,551	1,290
1995	12,232	7,145	5,086	5,401	6,831	3,297	2,105	3,849	2,982	4,380	1,021	5,524	1,307
1996	12,259	7,211	5,049	5,411	6,848	3,304	2,107	3,907	2,942	4,368	1,043	5,537	1,311
1997	12,298	7,306	4,992	5,405	6,893	3,330	2,075	3,976	2,917	4,385	1,021	5,574	1,319
	Degree-granting institutions												
1996	12,327	7,299	5,028	5,421	6,906	3,339	2,082	3,960	2,947	4,383	1,038	5,553	1,354
1997	12,451	7,419	5,032	5,469	6,982	3,380	2,089	4,039	2,943	4,408	1,060	5,599	1,383
1998	12,437	7,539	4,898	5,446	6,991	3,428	2,018	4,111	2,880	4,361	1,085	5,589	1,402
1999	12,681	7,735	4,946	5,559	7,122	3,516	2,044	4,219	2,903	4,431	1,128	5,679	1,443

NOTE: Data for 1998 revised from previously published figures. Data include unclassified undergraduate students. Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared April 2001.)

Table 189.—Total graduate fall enrollment in degree-granting institutions, by attendance status, sex of student, and control of institution: 1969 to 1999

[In thousands]

Year	Total	Full-time	Part-time	Men	Women	Men		Women		Men		Women	
						Full-time	Part-time	Full-time	Part-time	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Institutions of higher education												
1969	955	363	593	590	366	252	338	111	255	393	197	273	93
1970	1,031	379	651	630	400	264	366	115	285	423	207	301	99
1971	1,012	388	621	615	394	269	346	119	275	415	200	296	100
1972	1,066	394	671	626	439	268	358	126	313	427	199	330	109
1973	1,123	410	715	648	477	273	375	137	340	442	206	358	119
1974	1,190	427	762	663	526	276	387	151	375	454	209	398	128
1975	1,263	453	810	700	563	290	410	163	400	481	219	425	138
1976	1,333	463	870	714	619	287	427	176	443	477	237	454	165
1977	1,319	473	845	700	617	289	411	184	434	458	243	443	174
1978	1,312	468	844	682	630	280	402	188	442	441	241	453	177
1979	1,309	476	833	669	640	280	389	196	444	427	242	457	182
1980	1,343	485	860	675	670	281	394	204	466	426	247	474	195
1981	1,343	484	859	674	669	277	397	207	462	419	255	468	201
1982	1,322	485	838	670	653	280	390	205	447	417	253	453	200
1983	1,340	497	843	677	663	286	391	211	452	418	259	454	209
1984	1,345	501	844	672	673	286	386	215	459	411	261	459	215
1985	1,376	509	867	677	700	289	388	220	479	414	263	477	223
1986	1,435	522	913	693	742	294	399	228	514	433	260	508	234
1987	1,452	527	925	693	759	294	400	233	525	429	264	516	243
1988	1,472	553	919	697	774	304	393	249	526	429	268	520	254
1989	1,522	572	949	710	811	309	401	263	548	437	273	541	271
1990	1,586	599	987	737	849	321	416	278	571	456	281	567	282
1991	1,639	642	997	761	878	341	419	300	578	471	290	580	299
1992	1,669	666	1,003	772	896	351	421	314	582	474	298	584	313
1993	1,688	688	1,000	771	917	355	416	334	584	473	298	590	327
1994	1,721	706	1,016	776	946	359	417	347	598	472	304	603	343
1995	1,732	717	1,015	768	965	356	412	361	604	464	304	610	355
1996	1,743	736	1,007	760	983	358	403	378	604	456	305	613	370
1997	1,751	750	1,000	756	994	359	398	392	603	452	304	618	377
	Degree-granting institutions												
1996	1,742	737	1,005	759	983	358	401	379	604	456	303	613	370
1997	1,753	752	1,001	758	996	360	398	393	603	452	306	618	377
1998	1,768	754	1,014	754	1,013	355	399	398	615	444	310	623	390
1999	1,807	781	1,026	766	1,041	363	403	418	623	446	320	630	411

NOTE: Data for 1995 and 1998 revised from previously published figures. Data include unclassified graduate students. Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared May 2001.)

Table 190.—Total first-professional fall enrollment in degree-granting institutions, by attendance status, sex of student, and control of institution: 1969 to 1999

Year	Total	Full-time	Part-time	Men	Women	Men		Women		Men		Women	
						Full-time	Part-time	Full-time	Part-time	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Institutions of higher education												
1969	164,737	143,081	21,656	148,926	15,811	131,368	17,558	11,713	4,098	64,241	84,685	8,354	7,457
1970	173,411	157,384	16,027	158,649	14,762	144,270	14,379	13,114	1,648	68,956	89,693	6,501	8,261
1971	192,668	176,224	16,444	174,058	18,610	159,386	14,672	16,838	1,772	98,233	75,825	9,430	9,180
1972	206,659	190,039	16,620	183,443	23,216	168,990	14,453	21,049	2,167	79,723	103,720	10,842	12,374
1973	218,990	201,663	17,327	186,297	32,693	171,731	14,566	29,932	2,761	81,811	104,486	16,138	16,555
1974	235,452	216,329	19,123	194,079	41,373	178,926	15,153	37,403	3,970	84,271	109,808	20,085	21,288
1975	242,267	219,886	22,381	192,100	50,167	177,117	14,983	42,769	7,398	79,240	112,860	23,557	26,610
1976	244,292	220,124	24,168	189,810	54,482	171,967	17,843	48,157	6,325	77,873	111,937	23,468	31,014
1977	251,357	226,318	25,039	191,451	59,906	173,165	18,286	53,153	6,753	78,189	113,262	24,901	35,005
1978	256,904	232,540	24,364	192,221	64,683	174,906	17,315	57,634	7,049	77,748	114,473	26,839	37,844
1979	263,404	238,949	24,455	193,363	70,041	176,394	16,969	62,555	7,486	77,122	116,241	29,026	41,015
1980	277,767	251,359	26,408	199,344	78,423	181,448	17,896	69,911	8,512	81,022	118,322	33,415	45,008
1981	274,595	248,328	26,267	192,936	81,659	175,414	17,522	72,914	8,745	77,562	115,374	34,177	47,482
1982	278,425	252,108	26,317	191,200	87,225	173,941	17,259	78,167	9,058	76,273	114,927	37,183	50,042
1983	278,529	249,636	28,893	188,096	90,433	169,071	19,025	80,565	9,868	74,938	113,158	38,484	51,949
1984	278,598	249,708	28,890	184,949	93,649	166,286	18,663	83,422	10,227	73,722	111,227	40,186	53,463
1985	274,200	246,619	27,581	179,792	94,408	162,368	17,424	84,251	10,157	71,373	108,419	40,435	53,973
1986	270,401	245,647	24,754	173,851	96,550	158,557	15,294	87,090	9,460	70,326	103,525	41,699	54,851
1987	268,332	241,807	26,525	170,129	98,203	153,668	16,461	88,139	10,064	68,089	102,040	41,947	56,256
1988	267,109	241,228	25,881	166,912	100,197	151,045	15,867	90,183	10,014	66,196	100,716	42,743	57,454
1989	274,451	247,812	26,639	168,773	105,678	152,511	16,262	95,301	10,377	67,548	101,225	45,090	60,588
1990	273,366	245,854	27,512	166,798	106,568	149,805	16,993	96,049	10,519	66,071	100,727	45,674	60,894
1991	280,531	252,012	28,519	169,875	110,656	152,356	17,519	99,656	11,000	64,821	105,054	46,661	63,995
1992	280,922	252,138	28,784	168,620	112,302	151,025	17,595	101,113	11,189	63,511	105,109	47,178	65,124
1993	292,431	259,764	32,667	172,788	119,643	153,873	18,915	105,891	13,752	63,973	108,815	49,681	69,962
1994	294,713	263,311	31,402	173,956	120,757	155,018	18,938	108,293	12,464	63,844	110,112	50,153	70,604
1995	297,592	266,414	31,178	173,897	123,695	155,056	18,841	111,358	12,337	63,594	110,303	51,478	72,217
1996	297,739	266,812	30,927	172,462	125,277	153,983	18,479	112,829	12,448	63,608	108,854	52,777	72,500
1997	296,532	265,982	30,550	168,432	128,100	150,520	17,912	115,462	12,638	63,586	104,846	54,491	73,609
	Degree-granting institutions												
1996	298,312	267,209	31,103	172,742	125,570	154,107	18,635	113,102	12,468	63,742	109,000	52,923	72,647
1997	298,258	267,218	31,040	169,627	128,631	151,325	18,302	115,893	12,738	63,667	105,960	54,582	74,049
1998	302,473	271,049	31,424	168,846	133,627	150,361	18,485	120,688	12,939	63,800	105,046	56,898	76,729
1999	303,190	270,581	32,609	165,134	138,056	146,613	18,521	123,968	14,088	63,762	101,372	59,123	78,933

NOTE: Data for 1998 revised from previously published figures. Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared April 2001.)

Table 191.—Total fall enrollment in degree-granting institutions, by state: 1970 to 1999

State or other area	Institutions of higher education[1]						Degree-granting institutions[2]				
	Fall 1970	Fall 1975	Fall 1980	Fall 1985	Fall 1990	Fall 1995	Fall 1996	Fall 1997	Fall 1998[3]	Fall 1999[4]	Percent change, 1996 to 1999
1	2	3	4	5	6	7	8	9	10	11	12
United States	**8,580,887**	**11,184,859**	**12,096,895**	**12,247,055**	**13,818,637**	**14,261,781**	**14,367,520**	**14,502,334**	**14,506,967**	**14,791,224**	**2.9**
Alabama	103,936	164,700	164,306	179,343	218,589	225,612	220,711	218,785	216,241	223,144	1.1
Alaska	9,471	13,998	21,296	27,479	29,833	29,348	28,806	27,915	27,652	26,948	–6.5
Arizona	109,619	173,542	202,716	216,854	264,148	273,981	288,036	292,730	302,123	326,159	13.2
Arkansas	52,039	65,547	77,607	77,958	90,425	98,180	108,636	112,342	113,751	115,092	5.9
California	1,257,245	1,787,932	1,790,993	1,650,439	1,808,740	1,817,042	1,900,099	1,958,200	1,949,508	2,017,483	6.2
Colorado	123,395	149,814	162,916	161,314	227,131	242,739	245,112	252,245	257,247	261,744	6.8
Connecticut	124,700	148,491	159,632	159,348	168,604	157,695	154,139	153,128	153,336	156,907	1.8
Delaware	25,260	32,389	32,939	31,883	42,004	44,307	44,838	44,890	46,260	46,613	4.0
District of Columbia	77,158	84,190	86,675	78,201	79,551	77,277	74,460	72,397	72,388	72,118	–3.1
Florida	235,525	344,267	411,891	451,392	588,086	637,303	645,832	658,259	661,187	684,745	6.0
Georgia	126,511	173,585	184,159	196,826	251,786	314,712	300,795	306,238	303,685	311,812	3.7
Hawaii	36,562	46,671	47,181	49,937	56,436	63,198	62,844	61,514	61,615	62,578	–0.4
Idaho	34,567	39,075	43,018	42,668	51,881	59,566	60,411	61,641	63,085	64,661	7.0
Illinois	452,146	584,089	644,245	678,689	729,246	717,854	721,133	726,199	729,084	733,182	1.7
Indiana	192,668	213,820	247,253	250,567	284,832	289,615	290,184	295,517	299,176	304,725	5.0
Iowa	108,902	121,678	140,449	152,897	170,515	173,835	178,860	180,967	181,944	186,780	4.4
Kansas	102,485	120,833	136,605	141,359	163,733	177,643	173,865	177,544	177,561	176,737	1.7
Kentucky	98,591	125,253	143,066	141,724	177,852	178,858	178,904	178,924	180,550	181,626	1.5
Louisiana	120,728	153,213	160,058	177,176	186,840	203,935	213,993	219,196	221,110	221,348	3.4
Maine	34,134	40,443	43,264	52,201	57,186	56,547	56,017	56,368	56,986	57,822	3.2
Maryland	149,607	205,570	225,526	231,649	259,700	266,310	260,757	261,262	265,173	268,820	3.1
Massachusetts	303,809	384,485	418,415	421,175	417,833	413,794	411,676	412,620	415,501	419,695	1.9
Michigan	392,726	496,405	520,131	507,293	569,803	548,339	547,629	549,742	557,011	558,998	2.1
Minnesota	160,788	184,756	206,691	221,162	253,789	280,816	284,964	269,887	271,612	282,756	–0.8
Mississippi	73,967	99,962	102,364	101,180	122,883	122,690	126,027	130,561	132,438	133,170	5.7
Missouri	183,930	223,115	234,421	241,146	289,899	291,536	293,584	302,896	310,507	317,480	8.1
Montana	30,062	30,843	35,177	35,958	35,876	42,674	43,550	44,141	44,150	43,114	–1.0
Nebraska	66,915	74,705	89,488	97,769	112,831	115,718	120,689	111,542	111,123	110,806	–8.2
Nevada	13,669	30,187	40,455	43,656	61,728	67,826	73,970	76,417	83,120	89,711	21.3
New Hampshire	29,400	41,030	46,794	52,283	59,510	64,327	64,396	63,811	60,784	63,366	–1.6
New Jersey	216,121	297,114	321,610	297,658	324,286	333,831	328,143	325,754	325,885	330,537	0.7
New Mexico	44,461	51,944	58,283	68,295	85,500	102,405	106,662	108,560	108,810	111,896	4.9
New York	806,479	1,005,063	992,237	1,000,098	1,048,286	1,041,566	1,028,351	1,024,498	1,014,220	1,020,991	–0.7
North Carolina	171,925	251,786	287,537	327,288	352,138	372,030	372,993	373,717	387,407	395,907	6.1
North Dakota	31,495	29,743	34,069	37,939	37,878	40,399	41,142	38,937	39,441	40,348	–1.9
Ohio	376,267	436,052	489,145	514,745	557,690	540,275	544,371	537,169	542,077	548,545	0.8
Oklahoma	110,155	146,613	160,295	169,173	173,221	180,676	177,166	177,157	178,507	179,055	1.1
Oregon	122,177	145,281	157,458	137,967	165,741	167,145	166,662	169,852	171,056	175,635	5.4
Pennsylvania	411,044	470,536	507,716	533,198	604,060	617,759	587,447	588,185	595,749	605,283	3.0
Rhode Island	45,898	64,479	66,869	69,927	78,273	74,100	72,432	72,078	73,970	74,821	3.3
South Carolina	69,518	133,023	132,476	131,902	159,302	174,125	174,303	176,278	181,353	183,626	5.3
South Dakota	30,639	30,260	32,761	32,772	34,208	36,695	39,820	39,042	41,545	42,147	5.8
Tennessee	135,103	181,435	204,581	194,845	226,238	245,962	247,637	249,805	251,319	252,915	2.1
Texas	442,225	624,390	701,391	769,692	901,437	952,525	959,698	969,283	978,550	990,587	3.2
Utah	81,687	87,323	93,987	103,994	121,303	147,324	152,262	157,891	151,232	161,591	6.1
Vermont	22,209	29,095	30,628	31,416	36,398	35,065	35,779	36,482	37,054	36,728	2.7
Virginia	151,915	244,671	280,504	292,416	353,442	355,919	355,190	364,904	370,142	377,970	6.4
Washington	183,544	227,168	303,603	231,553	263,384	285,819	303,450	315,281	298,974	306,723	1.1
West Virginia	63,153	78,619	81,973	76,659	84,790	86,034	87,099	87,965	88,107	88,657	1.8
Wisconsin	202,058	240,701	269,086	275,069	299,774	300,223	299,522	298,248	301,963	304,776	1.8
Wyoming	15,220	18,078	21,147	24,204	31,326	30,176	30,805	30,280	29,707	29,002	–5.9
U.S. Service Schools[5]	17,079	36,897	49,808	54,719	48,692	88,451	81,669	83,090	13,991	13,344	–83.7
Outlying areas	67,237	104,270	137,749	164,890	164,618	183,657	182,536	178,154	181,244	185,244	1.5
American Samoa	—	689	976	758	1,219	1,232	1,239	1,248	909	1,172	–5.4
Federated States of Micronesia	—	—	—	—	975	1,296	1,396	1,372	772	1,506	7.9
Guam	2,719	3,800	3,217	4,601	4,741	6,010	5,335	5,533	5,758	5,727	7.3
Marshall Islands	—	—	—	—	—	418	431	459	513	616	42.9
Northern Marianas	—	—	—	318	661	959	1,096	1,136	1,239	1,080	–1.5
Palau	—	—	—	—	491	351	332	330	424	569	71.4
Puerto Rico	63,073	97,517	131,184	155,917	154,065	170,337	169,809	165,466	168,983	171,832	1.2
Trust Territory of the Pacific	—	185	224	724	—	—	—	—	—	—	—
Virgin Islands	1,445	2,079	2,148	2,572	2,466	3,054	2,898	2,610	2,646	2,742	–5.4

—Not available.

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Data are for 4–year and 2–year degree-granting institutions that participated in Title IV federal financial aid programs.

[3] Data revised from previously published figures.

[4] Data imputed using alternative methods. (See *Guide to Sources* for details.)

[5] Data for 1998 and 1999 reflect substantial changes in survey coverage.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001.)

Table 192.—Total fall enrollment in public degree-granting institutions, by state: 1970 to 1999

State or other area	Institutions of higher education[1]						Degree-granting institutions[2]				
	Fall 1970	Fall 1975	Fall 1980	Fall 1985	Fall 1990	Fall 1995	Fall 1996	Fall 1997	Fall 1998[3]	Fall 1999[4]	Percent change, 1996 to 1999
1	2	3	4	5	6	7	8	9	10	11	12
United States	**6,428,134**	**8,834,508**	**9,457,394**	**9,479,273**	**10,844,717**	**11,092,374**	**11,120,499**	**11,196,119**	**11,137,769**	**11,309,399**	**1.7**
Alabama	87,884	145,698	143,674	158,688	195,939	203,165	196,531	193,974	190,685	197,173	0.3
Alaska	8,563	13,218	20,561	26,510	27,792	28,368	27,828	26,717	26,296	25,687	–7.7
Arizona	107,315	168,666	194,034	202,036	248,213	254,530	259,163	260,832	268,102	276,268	6.6
Arkansas	43,599	56,127	66,068	66,123	78,645	87,067	97,405	100,855	102,264	103,326	6.1
California	1,123,529	1,617,558	1,599,838	1,444,207	1,594,710	1,564,230	1,625,021	1,664,478	1,646,329	1,692,607	4.2
Colorado	108,562	136,370	145,598	142,031	200,653	210,312	209,183	213,475	216,351	219,436	4.9
Connecticut	73,391	93,567	97,788	98,616	109,556	100,539	96,336	95,041	94,299	96,834	0.5
Delaware	21,151	27,082	28,325	27,933	34,252	36,204	36,579	36,495	37,362	36,895	0.9
District of Columbia	12,194	15,159	13,900	12,080	11,990	9,663	7,736	4,887	5,410	5,349	–30.9
Florida	189,450	287,745	334,349	362,241	489,081	530,607	529,422	534,721	531,921	540,967	2.2
Georgia	101,900	142,593	140,158	148,956	196,413	248,682	230,204	235,011	229,928	237,411	3.1
Hawaii	32,963	43,278	43,269	43,246	45,728	50,198	47,370	45,542	45,270	46,479	–1.9
Idaho	27,072	31,298	34,491	33,666	41,315	48,986	49,806	50,233	51,330	52,615	5.6
Illinois	315,634	444,458	491,274	520,224	551,333	530,248	532,470	536,578	533,294	533,522	0.2
Indiana	136,739	159,453	189,224	193,833	223,953	224,795	220,967	224,522	228,450	230,810	4.5
Iowa	68,390	83,572	97,454	109,765	117,834	122,396	125,923	128,073	129,302	133,753	6.2
Kansas	88,215	107,761	121,987	127,220	149,117	160,449	156,446	159,955	158,594	157,088	0.4
Kentucky	77,240	105,265	114,884	110,836	147,095	148,808	147,423	146,295	146,344	146,558	–0.6
Louisiana	101,127	132,054	136,703	153,173	158,290	174,873	185,223	189,179	189,896	188,573	1.8
Maine	25,405	31,092	31,878	33,188	41,500	38,195	38,260	38,010	38,636	40,349	5.5
Maryland	118,988	176,544	195,051	198,992	220,783	222,857	217,277	217,250	219,055	220,809	1.6
Massachusetts	116,127	173,564	183,765	185,602	186,035	176,777	173,854	174,694	178,376	181,514	4.4
Michigan	339,625	436,655	454,147	434,270	487,359	462,390	458,989	458,561	462,580	461,825	0.6
Minnesota	130,567	148,630	162,379	173,984	199,211	217,249	213,284	203,088	200,422	207,474	–2.7
Mississippi	64,968	89,919	90,661	90,704	109,038	110,600	114,905	118,847	120,831	121,369	5.6
Missouri	132,540	158,196	165,179	168,829	200,093	189,993	189,851	190,608	194,462	199,324	5.0
Montana	27,287	27,798	31,178	32,032	31,865	37,435	38,000	38,702	38,768	38,336	0.9
Nebraska	51,454	61,240	73,509	81,202	94,614	95,599	99,717	89,414	89,040	88,386	–11.4
Nevada	13,576	30,010	40,280	43,368	61,242	66,683	71,925	73,309	79,147	85,270	18.6
New Hampshire	15,979	24,205	24,119	26,669	32,163	36,069	36,365	35,259	32,187	34,927	–4.0
New Jersey	145,373	227,764	247,028	237,297	261,601	271,069	264,596	261,365	260,092	263,752	–0.3
New Mexico	40,795	47,605	55,077	66,059	83,403	97,220	99,918	100,708	101,150	103,125	3.2
New York	449,437	613,842	563,251	563,251	616,884	588,491	572,482	567,893	567,202	566,306	–1.1
North Carolina	123,761	201,288	228,154	267,044	285,405	303,099	302,939	302,033	314,110	321,311	6.1
North Dakota	30,192	27,954	31,709	34,802	34,690	36,810	36,765	35,037	35,264	35,940	–2.2
Ohio	281,099	336,931	381,765	379,164	427,613	409,818	407,108	404,694	408,487	411,541	1.1
Oklahoma	91,438	124,372	137,188	146,827	151,073	158,026	154,381	154,572	155,796	155,361	0.6
Oregon	108,483	129,785	140,102	119,612	144,427	143,617	141,429	144,342	144,326	148,177	4.8
Pennsylvania	232,982	287,436	292,499	300,523	343,478	339,928	335,181	334,901	338,047	336,930	0.5
Rhode Island	25,527	32,311	35,052	35,389	42,350	38,653	37,487	37,251	38,368	38,650	3.1
South Carolina	47,101	107,690	107,683	105,854	131,134	148,706	148,363	148,694	152,542	153,496	3.5
South Dakota	23,936	21,925	24,328	23,339	26,596	29,693	32,861	32,863	34,088	34,197	4.1
Tennessee	98,897	139,526	156,835	147,951	175,049	193,136	194,138	193,516	193,393	193,646	–0.3
Texas	365,522	542,212	613,552	677,192	802,314	836,851	838,943	845,686	849,075	862,271	2.8
Utah	49,588	56,536	59,598	69,426	86,108	110,560	113,696	118,619	111,315	120,558	6.0
Vermont	12,536	17,145	17,984	18,844	20,910	20,470	20,139	20,540	20,549	20,580	2.2
Virginia	123,279	215,253	246,500	250,754	291,286	293,127	292,412	301,594	305,455	311,536	6.5
Washington	162,718	202,531	276,028	201,532	227,632	246,635	262,359	274,705	257,047	263,415	0.4
West Virginia	51,363	68,117	71,228	66,531	74,108	74,857	75,116	76,078	76,322	76,777	2.2
Wisconsin	170,374	210,535	235,179	238,735	253,529	245,770	245,060	243,858	247,462	249,608	1.9
Wyoming	15,220	18,078	21,121	24,204	30,623	29,420	29,994	29,475	28,757	27,944	–6.8
U.S. Service Schools[5]	17,079	36,897	49,808	54,719	48,692	88,451	81,669	83,090	13,991	13,344	–83.7
Outlying areas	46,680	59,923	60,692	65,411	66,244	77,050	79,083	80,715	82,537	83,919	6.1
American Samoa	—	689	976	758	1,219	1,232	1,239	1,248	909	1,172	–5.4
Federated States of Micronesia	—	—	—	—	975	1,296	1,396	1,372	772	1,506	7.9
Guam	2,719	3,800	3,217	4,601	4,741	6,010	5,335	5,533	5,758	5,727	7.3
Marshall Islands	—	—	—	—	—	418	431	459	513	616	42.9
Northern Marianas	—	—	—	318	661	959	1,096	1,136	1,239	1,080	–1.5
Palau	—	—	—	—	491	351	332	330	424	569	71.4
Puerto Rico	42,516	53,170	54,127	56,438	55,691	63,730	66,356	68,027	70,276	70,507	6.3
Trust Territory of the Pacific	—	185	224	724	—	—	—	—	—	—	—
Virgin Islands	1,445	2,079	2,148	2,572	2,466	3,054	2,898	2,610	2,646	2,742	–5.4

—Not available.

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

[3] Data revised from previously published figures.

[4] Data imputed using alternative methods. (See *Guide to Sources* for details.)

[5] Data for 1998 and 1999 reflect substantial changes in survey coverage.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001).

Table 193.—Total fall enrollment in private degree-granting institutions, by state: 1970 to 1999

State or other area	Institutions of higher education[1]							Degree-granting institutions[2]				
	Fall 1970	Fall 1975	Fall 1980	Fall 1985	Fall 1990	Fall 1995	Fall 1996	Fall 1996	Fall 1997	Fall 1998[3]	Fall 1999[4]	Percent change, 1996 to 1999
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	2,152,753	2,350,351	2,639,501	2,767,782	2,973,920	3,169,407	3,210,084	3,247,021	3,306,215	3,369,198	3,481,825	7.2
Alabama	16,052	19,002	20,632	20,655	22,650	22,447	22,968	24,180	24,811	25,556	25,971	7.4
Alaska	908	780	735	969	2,041	980	1,018	978	1,198	1,356	1,261	28.9
Arizona	2,304	4,876	8,682	14,818	15,935	19,451	23,363	28,873	31,898	34,021	49,891	72.8
Arkansas	8,440	9,420	11,539	11,835	11,780	11,113	11,231	11,231	11,487	11,487	11,766	4.8
California	133,716	170,374	191,155	206,232	214,030	252,812	257,727	275,078	293,722	303,179	324,876	18.1
Colorado	14,833	13,444	17,318	19,283	26,478	32,427	33,766	35,929	38,770	40,896	42,308	17.8
Connecticut	51,309	54,924	61,844	60,732	59,048	57,156	57,773	57,803	58,087	59,037	60,073	3.9
Delaware	4,109	5,307	4,614	3,950	7,752	8,103	8,259	8,259	8,395	8,898	9,718	17.7
District of Columbia	64,964	69,031	72,775	66,121	67,561	67,614	66,783	66,724	67,510	66,978	66,769	0.1
Florida	46,075	56,522	77,542	89,151	99,005	106,696	110,143	116,410	123,538	129,266	143,778	23.5
Georgia	24,611	30,992	44,001	47,870	55,373	66,030	68,715	70,591	71,227	73,757	74,401	5.4
Hawaii	3,599	3,393	3,912	6,691	10,708	13,000	14,013	15,474	15,972	16,345	16,099	4.0
Idaho	7,495	7,777	8,527	9,002	10,566	10,580	10,512	10,605	11,408	11,755	12,046	13.6
Illinois	136,512	139,631	152,971	158,465	177,913	187,606	188,517	188,663	189,621	195,790	199,660	5.8
Indiana	55,929	54,367	58,029	56,734	60,879	64,820	65,359	69,217	70,995	70,726	73,915	6.8
Iowa	40,512	38,106	42,995	43,132	52,681	51,439	51,098	52,937	52,894	52,642	53,027	0.2
Kansas	14,270	13,072	14,618	14,139	14,616	17,194	16,921	17,419	17,589	18,967	19,649	12.8
Kentucky	21,351	19,988	28,182	30,888	30,757	30,050	30,326	31,481	32,629	34,206	35,068	11.4
Louisiana	19,601	21,159	23,355	24,003	28,550	29,062	28,928	28,770	30,017	31,214	32,775	13.9
Maine	8,729	9,351	11,386	19,013	15,686	18,352	17,757	17,757	18,358	18,350	17,473	−1.6
Maryland	30,619	29,026	30,475	32,657	38,917	43,453	43,460	43,480	44,012	46,118	48,011	10.4
Massachusetts	187,682	210,921	234,650	235,573	231,798	237,017	236,911	237,822	237,926	237,125	238,181	0.2
Michigan	53,101	59,750	65,984	73,023	82,444	85,949	87,985	88,640	91,181	94,431	97,173	9.6
Minnesota	30,221	36,126	44,312	47,178	54,578	63,567	68,722	71,680	66,799	71,190	75,282	5.0
Mississippi	8,999	10,043	11,703	10,476	13,845	12,090	11,329	11,122	11,714	11,607	11,801	6.1
Missouri	51,390	64,919	69,242	72,317	89,806	101,543	101,264	103,733	112,288	116,045	118,156	13.9
Montana	2,775	3,045	3,999	3,926	4,011	5,239	5,145	5,550	5,439	5,382	4,778	−13.9
Nebraska	15,461	13,465	15,979	16,567	18,217	20,119	19,583	20,972	22,128	22,083	22,420	6.9
Nevada	93	177	175	288	486	1,143	1,542	2,045	3,108	3,973	4,441	117.2
New Hampshire	13,421	16,825	22,675	25,614	27,347	28,258	28,098	28,031	28,552	28,597	28,439	1.5
New Jersey	70,748	69,350	74,582	60,361	62,685	62,762	63,592	63,547	64,389	65,793	66,785	5.1
New Mexico	3,666	4,339	3,206	2,236	2,097	5,185	5,916	6,744	7,852	7,660	8,771	30.1
New York	357,042	391,221	428,986	436,847	431,402	453,075	455,388	455,869	456,605	447,018	454,685	−0.3
North Carolina	48,164	50,498	59,383	60,244	66,733	68,931	70,229	70,054	71,684	73,297	74,596	6.5
North Dakota	1,303	1,789	2,360	3,137	3,188	3,589	3,789	4,377	3,900	4,177	4,408	0.7
Ohio	95,168	99,121	107,380	135,581	130,077	130,457	132,196	137,263	132,475	133,590	137,004	−0.2
Oklahoma	18,717	22,241	23,107	22,346	22,148	22,650	22,874	22,785	22,585	22,711	23,694	4.0
Oregon	13,694	15,496	17,356	18,355	21,314	23,528	23,739	25,233	25,510	26,730	27,458	8.8
Pennsylvania	178,062	183,100	215,217	232,675	260,582	277,831	286,813	252,266	253,284	257,702	268,353	6.4
Rhode Island	20,371	32,168	31,817	34,538	35,923	35,447	34,945	34,945	34,827	35,602	36,171	3.5
South Carolina	22,417	25,333	24,793	26,048	28,168	25,419	25,940	25,940	27,584	28,811	30,130	16.2
South Dakota	8,703	8,335	8,433	9,433	7,612	7,002	6,809	6,959	6,179	7,457	7,950	14.2
Tennessee	36,206	41,909	47,746	46,894	51,189	52,826	52,946	53,499	56,289	57,926	59,269	10.8
Texas	76,703	82,178	87,839	92,500	99,123	115,674	117,348	120,755	123,597	129,475	128,316	6.3
Utah	32,099	30,787	34,389	34,568	35,195	36,764	37,442	38,566	39,272	39,917	41,033	6.4
Vermont	9,673	11,950	12,644	12,572	15,488	14,595	14,951	15,640	15,942	16,505	16,148	3.2
Virginia	28,636	29,418	34,004	41,662	62,156	62,792	61,376	62,778	63,310	64,687	66,434	5.8
Washington	20,826	24,637	27,575	30,021	35,752	39,184	40,311	41,091	40,576	41,927	43,308	5.4
West Virginia	11,790	10,502	10,745	10,128	10,682	11,177	10,934	11,983	11,887	11,785	11,880	−0.9
Wisconsin	31,684	30,166	33,907	36,334	46,245	54,453	54,499	54,462	54,390	54,501	55,168	1.3
Wyoming	—	—	26	—	703	756	811	811	805	950	1,058	30.5
Outlying areas	20,557	44,347	77,057	99,479	98,374	106,607	101,799	103,453	97,439	98,707	101,325	−2.1
American Samoa	—	—	—	—	—	—	—	—	—	—	—	—
Federated States of Micronesia	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	—	—	—	—	—	—	—	—	—	—	—
Marshall Islands	—	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—	—	—	—
Palau	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	20,557	44,347	77,057	99,479	98,374	106,607	101,799	103,453	97,439	98,707	101,325	−2.1
Trust Territory of the Pacific	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands	—	—	—	—	—	—	—	—	—	—	—	—

—Not available.

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Data are for 4-year and 2-year degree-granting higher education institutions that participated in Title IV federal financial aid programs.

[3] Data revised from previously published figures.

[4] Data imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001.)

Table 194.—Total fall enrollment in all degree-granting institutions, by attendance status, sex, and state: 1998 and 1999

State or other area	Fall 1998					Fall 1999				
	Total	Full-time		Part-time		Total	Full-time		Part-time	
		Men	Women	Men	Women		Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11
United States	**14,506,967**	**3,933,653**	**4,629,685**	**2,435,612**	**3,508,017**	**14,791,224**	**4,025,721**	**4,760,773**	**2,464,925**	**3,539,805**
Alabama	216,241	64,871	82,375	28,682	40,313	223,144	65,821	82,763	30,889	43,671
Alaska	27,652	5,020	6,369	5,948	10,315	26,948	4,882	6,079	5,941	10,046
Arizona	302,123	69,298	75,262	66,453	91,110	326,159	77,833	86,266	68,133	93,927
Arkansas	113,751	32,440	42,124	15,206	23,981	115,092	33,276	43,301	14,774	23,741
California	1,949,508	434,484	516,405	425,910	572,709	2,017,483	447,068	538,095	441,831	590,489
Colorado	257,247	66,955	72,462	50,277	67,553	261,744	67,938	73,974	51,014	68,818
Connecticut	153,336	39,508	45,628	27,056	41,144	156,907	41,406	48,243	26,531	40,727
Delaware	46,260	11,865	15,875	7,053	11,467	46,613	12,054	16,334	6,802	11,423
District of Columbia	72,388	21,512	27,909	10,020	12,947	72,118	20,874	27,631	10,188	13,425
Florida	661,187	152,736	183,048	132,977	192,426	684,745	162,421	196,847	133,182	192,295
Georgia	303,685	90,497	111,299	40,415	61,474	311,812	91,717	113,924	42,278	63,893
Hawaii	61,615	16,031	20,167	11,517	13,900	62,578	16,380	20,683	11,316	14,199
Idaho	63,085	19,788	22,684	8,188	12,425	64,661	19,952	23,325	8,914	12,470
Illinois	729,084	179,286	207,435	138,567	203,796	733,182	181,325	208,924	139,816	203,117
Indiana	299,176	96,006	106,908	40,785	55,477	304,725	98,358	109,849	41,436	55,082
Iowa	181,944	59,836	65,630	21,847	34,631	186,780	61,916	68,377	22,488	33,999
Kansas	177,561	47,405	50,626	32,791	46,739	176,737	48,301	51,713	31,050	45,673
Kentucky	180,550	53,181	69,390	21,178	36,801	181,626	53,348	69,379	21,544	37,355
Louisiana	221,110	69,383	90,640	23,028	38,059	221,348	69,948	91,759	22,222	37,419
Maine	56,986	14,826	17,899	8,089	16,172	57,822	15,124	18,694	8,145	15,859
Maryland	265,173	59,623	73,815	50,464	81,271	268,820	60,999	75,450	50,428	81,943
Massachusetts	415,501	121,124	145,535	59,435	89,407	419,695	123,690	148,491	59,398	88,116
Michigan	557,011	133,328	161,097	108,928	153,658	558,998	136,381	164,445	107,142	151,030
Minnesota	271,612	79,597	91,203	42,049	58,763	282,756	82,659	94,624	45,196	60,277
Mississippi	132,438	42,992	55,807	12,530	21,109	133,170	42,563	55,845	12,709	22,053
Missouri	310,507	82,823	97,414	52,655	77,615	317,480	84,771	100,177	53,478	79,054
Montana	44,150	16,528	17,438	4,007	6,177	43,114	16,183	16,991	3,858	6,082
Nebraska	111,123	32,472	36,761	17,739	24,151	110,806	33,107	36,813	17,144	23,742
Nevada	83,120	13,560	16,195	23,235	30,130	89,711	14,498	17,183	25,493	32,537
New Hampshire	60,784	17,926	21,334	7,794	13,730	63,366	17,722	21,663	9,295	14,686
New Jersey	325,885	84,849	98,174	57,374	85,488	330,537	87,634	101,410	56,644	84,849
New Mexico	108,810	25,588	31,747	19,975	31,500	111,896	26,794	33,193	20,035	31,874
New York	1,014,220	304,464	372,303	127,651	209,802	1,020,991	308,547	379,766	124,946	207,732
North Carolina	387,407	108,107	137,048	56,476	85,776	395,907	110,662	141,289	56,676	87,280
North Dakota	39,441	16,224	15,496	3,268	4,453	40,348	16,418	15,977	3,305	4,648
Ohio	542,077	158,772	186,570	79,771	116,964	548,545	162,019	190,098	79,956	116,472
Oklahoma	178,507	53,086	57,023	28,370	40,028	179,055	53,832	57,680	28,325	39,218
Oregon	171,056	45,589	51,075	32,360	42,032	175,635	47,265	53,547	32,466	42,357
Pennsylvania	595,749	195,591	219,795	70,903	109,460	605,283	201,254	225,856	70,620	107,553
Rhode Island	73,970	22,740	25,302	9,875	16,053	74,821	23,242	25,943	9,736	15,900
South Carolina	181,353	50,953	64,737	23,779	41,884	183,626	51,983	66,889	23,491	41,263
South Dakota	41,545	13,982	15,370	4,626	7,567	42,147	14,267	15,420	4,686	7,774
Tennessee	251,319	76,635	93,920	33,233	47,531	252,915	77,255	95,720	32,669	47,271
Texas	978,550	257,333	292,229	186,252	242,736	990,587	259,632	298,984	185,398	246,573
Utah	151,232	46,565	48,378	28,513	27,776	161,591	49,769	50,298	31,468	30,056
Vermont	37,054	12,284	13,700	3,705	7,365	36,728	12,372	13,568	3,737	7,051
Virginia	370,142	95,957	116,128	64,108	93,949	377,970	97,281	119,134	65,940	95,615
Washington	298,974	85,032	99,339	48,240	66,363	306,723	86,968	101,462	49,464	68,829
West Virginia	88,107	29,580	32,884	9,398	16,245	88,657	30,050	33,393	9,437	15,777
Wisconsin	301,963	85,215	100,841	48,323	67,584	304,776	86,326	102,645	48,898	66,907
Wyoming	29,707	8,435	8,672	4,589	8,011	29,002	8,316	8,635	4,393	7,658
U.S. Service Schools	13,991	11,771	2,220	0	0	13,344	11,320	2,024	0	0
Outlying areas	181,244	54,533	86,549	15,674	24,488	185,244	55,541	87,989	17,141	24,573
American Samoa	909	209	286	141	273	1,172	210	355	255	352
Federated States of Micronesia	772	202	310	135	125	1,506	532	594	196	184
Guam	5,758	1,064	1,744	1,232	1,718	5,727	1,103	1,890	1,209	1,525
Marshall Islands	513	171	176	96	70	616	206	173	138	99
Northern Marianas	1,239	179	291	343	426	1,080	215	318	218	329
Palau	424	136	163	64	61	569	180	196	74	119
Puerto Rico	168,983	52,284	82,636	13,328	20,735	171,832	52,808	83,463	14,756	20,805
Virgin Islands	2,646	288	943	335	1,080	2,742	287	1,000	295	1,160

NOTE: Data for 1998 revised from previously published figures. Data for U.S. Service Schools in 1998 and 1999 reflect substantial changes in survey coverage. Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey. (This table was prepared March 2001.)

Table 195.—Total fall enrollment in public degree-granting institutions, by attendance status, sex, and state: 1998 and 1999

State or other area	Fall 1998					Fall 1999				
	Total	Full-time		Part-time		Total	Full-time		Part-time	
		Men	Women	Men	Women		Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11
United States	**11,137,769**	**2,800,633**	**3,300,183**	**2,068,065**	**2,968,888**	**11,309,399**	**2,851,633**	**3,372,481**	**2,089,548**	**2,995,737**
Alabama	190,685	55,713	70,176	26,982	37,814	197,173	56,395	70,369	29,229	41,180
Alaska	26,296	4,647	5,914	5,727	10,008	25,687	4,562	5,684	5,686	9,755
Arizona	268,102	53,823	61,286	64,425	88,568	276,268	55,426	63,859	65,996	90,987
Arkansas	102,264	27,789	36,607	14,724	23,144	103,326	28,375	37,676	14,272	23,003
California	1,646,329	325,506	394,931	393,161	532,731	1,692,607	331,382	406,478	406,908	547,839
Colorado	216,351	53,576	58,517	44,061	60,197	219,436	53,957	59,553	44,546	61,380
Connecticut	94,299	20,528	23,926	19,228	30,617	96,834	21,790	25,215	19,132	30,697
Delaware	37,362	10,447	13,698	5,388	7,829	36,895	10,404	13,868	5,054	7,569
District of Columbia	5,410	831	1,090	1,434	2,055	5,349	768	1,075	1,380	2,126
Florida	531,921	107,322	135,715	116,138	172,746	540,967	114,112	144,318	112,742	169,795
Georgia	229,928	63,680	78,658	34,073	53,517	237,411	65,275	80,600	35,846	55,690
Hawaii	45,270	11,623	14,013	8,362	11,272	46,479	11,718	14,246	8,700	11,815
Idaho	51,330	15,117	16,540	7,874	11,799	52,615	15,373	16,993	8,518	11,731
Illinois	533,294	118,644	137,294	111,847	165,509	533,522	118,862	136,250	113,410	165,000
Indiana	228,450	68,847	75,758	36,817	47,028	230,810	70,331	77,161	37,048	46,270
Iowa	129,302	42,679	44,633	17,444	24,546	133,753	44,277	46,571	17,970	24,935
Kansas	158,594	41,299	43,602	30,868	42,825	157,088	41,964	44,406	29,039	41,679
Kentucky	146,344	42,015	54,921	18,119	31,289	146,558	41,822	54,755	18,378	31,603
Louisiana	189,896	59,076	76,588	20,095	34,137	188,573	59,116	76,809	19,154	33,494
Maine	38,636	9,939	11,012	6,690	10,995	40,349	10,162	11,768	6,821	11,598
Maryland	219,055	48,336	59,765	42,480	68,474	220,809	49,112	60,521	42,386	68,790
Massachusetts	178,376	42,468	50,522	33,119	52,267	181,514	43,151	51,892	33,995	52,476
Michigan	462,580	109,814	127,799	94,790	130,177	461,825	111,569	129,945	92,627	127,684
Minnesota	200,422	57,105	61,778	34,839	46,700	207,474	58,563	63,498	37,357	48,056
Mississippi	120,831	39,334	50,376	11,685	19,436	121,369	38,957	50,278	11,857	20,277
Missouri	194,462	50,408	59,833	32,451	51,770	199,324	51,494	61,848	33,299	52,683
Montana	38,768	15,037	15,116	3,438	5,177	38,336	14,840	15,023	3,318	5,155
Nebraska	89,040	25,115	26,831	16,063	21,031	88,386	25,182	27,006	15,435	20,763
Nevada	79,147	12,267	13,951	23,136	29,793	85,270	12,763	14,798	25,417	32,292
New Hampshire	32,187	9,262	11,301	4,277	7,347	34,927	9,247	11,707	5,539	8,434
New Jersey	260,092	64,014	76,602	47,890	71,586	263,752	65,770	79,530	47,118	71,334
New Mexico	101,150	22,842	28,173	19,539	30,596	103,125	23,589	29,231	19,499	30,806
New York	567,202	155,661	195,186	82,524	133,831	566,306	157,434	196,533	79,723	132,616
North Carolina	314,110	80,018	103,183	51,943	78,966	321,311	82,494	106,644	52,323	79,850
North Dakota	35,264	14,669	13,258	3,167	4,170	35,940	14,862	13,523	3,225	4,330
Ohio	408,487	113,289	134,924	65,988	94,286	411,541	115,462	136,599	66,177	93,303
Oklahoma	155,796	43,613	48,137	26,216	37,830	155,361	43,711	48,440	26,215	36,995
Oregon	144,326	36,077	39,288	30,112	38,849	148,177	37,346	41,337	30,159	39,335
Pennsylvania	338,047	107,030	117,912	44,963	68,142	336,930	107,783	119,318	43,548	66,281
Rhode Island	38,368	8,063	11,210	6,632	12,463	38,650	8,211	11,557	6,498	12,384
South Carolina	152,542	40,516	51,248	21,915	38,863	153,496	41,153	52,710	21,673	37,960
South Dakota	34,088	11,907	12,084	3,917	6,180	34,197	12,053	12,031	3,800	6,313
Tennessee	193,393	52,756	67,919	29,902	42,816	193,646	53,595	68,775	29,192	42,084
Texas	849,075	210,506	242,888	170,133	225,548	862,271	214,680	249,174	169,785	228,632
Utah	111,315	30,600	30,566	25,413	24,736	120,556	32,809	32,164	28,344	27,241
Vermont	20,549	6,317	6,821	2,515	4,896	20,580	6,209	6,871	2,588	4,912
Virginia	305,455	75,495	89,419	56,413	84,128	311,536	76,560	91,769	57,832	85,375
Washington	257,047	70,944	81,106	44,071	60,926	263,415	72,383	82,703	45,121	63,208
West Virginia	76,322	25,462	27,022	8,813	15,025	76,777	25,896	27,268	8,888	14,725
Wisconsin	247,462	69,340	80,205	41,675	56,242	249,608	70,088	81,493	42,388	55,639
Wyoming	28,757	7,496	8,661	4,589	8,011	27,944	7,276	8,617	4,393	7,658
U.S. Service Schools	13,991	11,771	2,220	0	0	13,344	11,320	2,024	0	0
Outlying areas	82,537	24,441	40,608	6,636	10,852	83,919	24,972	41,262	6,646	11,039
American Samoa	909	209	286	141	273	1,172	210	355	255	352
Federated States of Micronesia	772	202	310	135	125	1,506	532	594	196	184
Guam	5,758	1,064	1,744	1,232	1,718	5,727	1,103	1,890	1,209	1,525
Marshall Islands	513	171	176	96	70	616	206	173	138	99
Northern Marianas	1,239	179	291	343	426	1,080	215	318	218	329
Palau	424	136	163	64	61	569	180	196	74	119
Puerto Rico	70,276	22,192	36,695	4,290	7,099	70,507	22,239	36,736	4,261	7,271
Virgin Islands	2,646	288	943	335	1,080	2,742	287	1,000	295	1,160

NOTE: Data for 1998 revised from previously published figures. Data for U.S. Service Schools in 1998 and 1999 reflect substantial changes in survey coverage. Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001.)

Table 196.—Total fall enrollment in private degree-granting institutions, by attendance status, sex, and state: 1998 and 1999

State or other area	Fall 1998					Fall 1999				
	Total	Full-time		Part-time		Total	Full-time		Part-time	
		Men	Women	Men	Women		Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11
United States	**3,369,198**	**1,133,020**	**1,329,502**	**367,547**	**539,129**	**3,481,825**	**1,174,088**	**1,388,292**	**375,377**	**544,068**
Alabama	25,556	9,158	12,199	1,700	2,499	25,971	9,426	12,394	1,660	2,491
Alaska	1,356	373	455	221	307	1,261	320	395	255	291
Arizona	34,021	15,475	13,976	2,028	2,542	49,891	22,407	22,407	2,137	2,940
Arkansas	11,487	4,651	5,517	482	837	11,766	4,901	5,625	502	738
California	303,179	108,978	121,474	32,749	39,978	324,876	115,686	131,617	34,923	42,650
Colorado	40,896	13,379	13,945	6,216	7,356	42,308	13,981	14,421	6,468	7,438
Connecticut	59,037	18,980	21,702	7,828	10,527	60,073	19,616	23,028	7,399	10,030
Delaware	8,898	1,418	2,177	1,665	3,638	9,718	1,650	2,466	1,748	3,854
District of Columbia	66,978	20,681	26,819	8,586	10,892	66,769	20,106	26,556	8,808	11,299
Florida	129,266	45,414	47,333	16,839	19,680	143,778	48,309	52,529	20,440	22,500
Georgia	73,757	26,817	32,641	6,342	7,957	74,401	26,442	33,324	6,432	8,203
Hawaii	16,345	4,408	6,154	3,155	2,628	16,099	4,662	6,437	2,616	2,384
Idaho	11,755	4,671	6,144	314	626	12,046	4,579	6,332	396	739
Illinois	195,790	60,642	70,141	26,720	38,287	199,660	62,463	72,674	26,406	38,117
Indiana	70,726	27,159	31,150	3,968	8,449	73,915	28,027	32,688	4,388	8,812
Iowa	52,642	17,157	20,997	4,403	10,085	53,027	17,639	21,806	4,518	9,064
Kansas	18,967	6,106	7,024	1,923	3,914	19,649	6,337	7,307	2,011	3,994
Kentucky	34,206	11,166	14,469	3,059	5,512	35,068	11,526	14,624	3,166	5,752
Louisiana	31,214	10,307	14,052	2,933	3,922	32,775	10,832	14,950	3,068	3,925
Maine	18,350	4,887	6,887	1,399	5,177	17,473	4,962	6,926	1,324	4,261
Maryland	46,118	11,287	14,050	7,984	12,797	48,011	11,887	14,929	8,042	13,153
Massachusetts	237,125	78,656	95,013	26,316	37,140	238,181	80,539	96,599	25,403	35,640
Michigan	94,431	23,514	33,298	14,138	23,481	97,173	24,812	34,500	14,515	23,346
Minnesota	71,190	22,492	29,425	7,210	12,063	75,282	24,096	31,126	7,839	12,221
Mississippi	11,607	3,658	5,431	845	1,673	11,801	3,606	5,567	852	1,776
Missouri	116,045	32,415	37,581	20,204	25,845	118,156	33,277	38,329	20,179	26,371
Montana	5,382	1,491	2,322	569	1,000	4,778	1,343	1,968	540	927
Nebraska	22,083	7,357	9,930	1,676	3,120	22,420	7,925	9,807	1,709	2,979
Nevada	3,973	1,293	2,244	99	337	4,441	1,735	2,385	76	245
New Hampshire	28,597	8,664	10,033	3,517	6,383	28,439	8,475	9,956	3,756	6,252
New Jersey	65,793	20,835	21,572	9,484	13,902	66,785	21,864	21,880	9,526	13,515
New Mexico	7,660	2,746	3,574	436	904	8,771	3,205	3,962	536	1,068
New York	447,018	148,803	177,117	45,127	75,971	454,685	151,113	183,233	45,223	75,116
North Carolina	73,297	28,089	33,865	4,533	6,810	74,596	28,168	34,645	4,353	7,430
North Dakota	4,177	1,555	2,238	101	283	4,408	1,556	2,454	80	318
Ohio	133,590	45,483	51,646	13,783	22,678	137,004	46,557	53,499	13,779	23,169
Oklahoma	22,711	9,473	8,886	2,154	2,198	23,694	10,121	9,240	2,110	2,223
Oregon	26,730	9,512	11,787	2,248	3,183	27,458	9,919	12,210	2,307	3,022
Pennsylvania	257,702	88,561	101,883	25,940	41,318	268,353	93,471	106,538	27,072	41,272
Rhode Island	35,602	14,677	14,092	3,243	3,590	36,171	15,031	14,386	3,238	3,516
South Carolina	28,811	10,437	13,489	1,864	3,021	30,130	10,830	14,179	1,818	3,303
South Dakota	7,457	2,075	3,286	709	1,387	7,950	2,214	3,389	886	1,461
Tennessee	57,926	23,879	26,001	3,331	4,715	59,269	23,660	26,945	3,477	5,187
Texas	129,475	46,827	49,341	16,119	17,188	128,316	44,952	49,810	15,613	17,941
Utah	39,917	15,965	17,812	3,100	3,040	41,033	16,960	18,134	3,124	2,815
Vermont	16,505	5,967	6,879	1,190	2,469	16,148	6,163	6,697	1,149	2,139
Virginia	64,687	20,462	26,709	7,695	9,821	66,434	20,721	27,365	8,108	10,240
Washington	41,927	14,088	18,233	4,169	5,437	43,308	14,585	18,759	4,343	5,621
West Virginia	11,785	4,118	5,862	585	1,220	11,880	4,154	6,125	549	1,052
Wisconsin	54,501	15,875	20,636	6,648	11,342	55,168	16,238	21,152	6,510	11,268
Wyoming	950	939	11	—	—	1,058	1,040	18	—	—
Outlying areas	98,707	30,092	45,941	9,038	13,636	101,325	30,569	46,727	10,495	13,534
American Samoa	—	—	—	—	—	—	—	—	—	—
Federated States of Micronesia	—	—	—	—	—	—	—	—	—	—
Guam	—	—	—	—	—	—	—	—	—	—
Marshall Islands	—	—	—	—	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—	—
Palau	—	—	—	—	—	—	—	—	—	—
Puerto Rico	98,707	30,092	45,941	9,038	13,636	101,325	30,569	46,727	10,495	13,534
Virgin Islands	—	—	—	—	—	—	—	—	—	—

—Not available.

NOTE: Data for 1998 revised from previously published figures. Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001).

Table 197.—Total fall enrollment in degree-granting institutions, by control, type of institution, and state: 1998 and 1999

State or other area	Fall 1998						Fall 1999					
	Public 4-year	Public 2-year	Private 4-year		Private 2-year		Public 4-year	Public 2-year	Private 4-year		Private 2-year	
			Total	Not-for-profit	Total	Not-for-profit			Total	Not-for-profit	Total	Not-for-profit
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	5,891,806	5,245,963	3,125,847	2,939,055	243,351	65,870	5,969,950	5,333,449	3,228,575	2,989,285	253,250	62,341
Alabama	123,542	67,143	24,626	22,069	930	265	129,062	68,111	25,041	22,630	930	185
Alaska	25,430	866	905	905	451	—	24,942	745	828	828	433	—
Arizona	103,942	164,160	27,959	9,321	6,062	891	104,931	171,337	42,296	10,741	7,595	854
Arkansas	68,108	34,156	11,111	11,111	376	160	68,818	34,508	11,383	11,383	383	168
California	524,528	1,121,801	273,259	226,485	29,920	9,193	538,479	1,154,128	291,510	232,598	33,366	9,967
Colorado	136,151	80,200	36,189	24,146	4,707	29	139,175	80,261	37,196	24,107	5,112	30
Connecticut	54,945	39,354	57,739	57,479	1,298	213	56,769	40,065	57,810	57,534	2,263	210
Delaware	24,502	12,860	8,790	8,790	108	108	24,365	12,530	9,581	9,581	137	137
District of Columbia	5,410	—	66,978	63,686	—	—	5,349	—	66,769	63,730	—	—
Florida	218,471	313,450	114,899	99,741	14,367	1,475	229,754	311,213	128,768	108,569	15,010	1,384
Georgia	160,679	69,249	69,844	61,859	3,913	2,844	165,931	71,480	70,470	61,485	3,931	3,182
Hawaii	20,361	24,909	14,657	13,579	1,688	1,395	21,089	25,390	14,482	13,178	1,617	1,152
Idaho	42,463	8,867	2,962	2,500	8,793	8,551	43,337	9,278	3,176	2,716	8,870	8,628
Illinois	193,548	339,746	189,472	175,418	6,318	2,183	193,880	339,642	193,319	177,695	6,341	2,303
Indiana	186,916	41,534	63,817	60,976	6,909	2,194	187,659	43,151	67,621	65,053	6,294	1,671
Iowa	67,835	61,467	51,614	51,254	1,028	1,028	68,767	64,986	50,476	50,050	2,551	1,078
Kansas	86,783	71,811	17,398	17,398	1,569	788	87,606	69,482	18,219	18,219	1,430	767
Kentucky	105,381	40,963	29,611	26,643	4,595	471	104,246	42,312	29,877	26,685	5,191	477
Louisiana	148,627	41,269	28,982	27,939	2,232	492	148,069	40,504	30,242	28,721	2,533	476
Maine	30,850	7,786	16,639	16,639	1,711	213	32,521	7,828	15,857	15,857	1,616	212
Maryland	114,596	104,459	44,939	44,238	1,179	632	116,270	104,539	47,248	46,121	763	90
Massachusetts	102,728	75,648	230,144	230,144	6,981	5,682	102,006	79,508	231,033	231,033	7,148	5,109
Michigan	267,136	195,444	91,541	89,232	2,890	1,826	271,310	190,515	94,402	91,980	2,771	1,782
Minnesota	111,609	88,813	61,333	58,706	9,857	1,818	112,302	95,172	64,253	60,916	11,029	1,957
Mississippi	62,350	58,481	10,668	10,668	939	619	62,610	58,750	10,943	10,943	858	582
Missouri	118,643	75,819	108,375	104,567	7,670	2,324	120,507	78,817	110,708	106,685	7,448	2,269
Montana	32,103	6,665	4,171	4,171	1,211	988	31,560	6,778	4,039	4,010	739	739
Nebraska	53,469	35,571	20,780	20,780	1,303	104	52,809	35,577	20,621	20,621	1,799	—
Nevada	33,304	45,843	2,321	585	1,652	—	36,859	48,411	2,633	584	1,808	—
New Hampshire	25,030	7,157	27,662	24,481	935	72	25,368	9,559	27,453	23,926	986	102
New Jersey	138,978	121,114	59,408	59,408	6,385	128	140,694	123,058	63,766	60,126	3,019	133
New Mexico	49,198	51,952	6,757	3,112	903	—	50,655	52,470	7,604	3,160	1,167	270
New York	332,872	234,330	425,221	411,572	21,797	5,012	334,518	231,788	433,173	416,732	21,512	4,472
North Carolina	158,958	155,152	72,483	72,483	814	656	160,982	160,329	73,044	73,044	1,552	1,025
North Dakota	26,676	8,588	3,849	3,849	328	311	27,178	8,762	3,896	3,896	512	299
Ohio	263,308	145,179	121,699	118,205	11,891	2,395	256,775	154,766	126,157	122,597	10,847	688
Oklahoma	95,563	60,233	20,492	20,422	2,219	374	95,867	59,494	21,230	20,472	2,464	428
Oregon	66,598	77,728	25,934	24,533	796	229	68,966	79,211	26,394	24,412	1,064	320
Pennsylvania	236,821	101,226	226,831	226,831	30,871	5,619	237,724	99,206	234,457	232,014	33,896	4,506
Rhode Island	23,002	15,366	35,602	35,602	—	—	23,040	15,610	36,171	36,171	—	—
South Carolina	88,290	64,252	27,153	27,153	1,658	595	87,112	66,384	28,813	28,813	1,317	503
South Dakota	28,589	5,499	7,249	5,088	208	208	28,630	5,567	7,738	5,212	212	212
Tennessee	117,429	75,964	53,015	51,977	4,911	653	118,475	75,171	54,920	53,237	4,349	706
Texas	415,841	433,234	117,048	113,669	12,427	1,316	421,894	440,377	115,327	111,805	12,989	1,485
Utah	82,149	29,166	36,868	34,419	3,049	862	87,717	32,841	37,954	35,133	3,079	790
Vermont	15,891	4,658	15,843	15,485	662	371	15,822	4,758	15,462	15,126	686	396
Virginia	172,924	132,531	58,141	49,649	6,546	583	175,275	136,261	59,672	50,015	6,762	597
Washington	90,189	166,858	38,593	37,286	3,334	—	91,543	171,872	39,748	37,891	3,560	—
West Virginia	69,741	6,581	10,062	10,062	1,723	—	70,389	6,388	9,832	9,832	2,048	—
Wisconsin	144,234	103,228	54,214	52,740	287	—	146,060	103,548	54,963	53,418	205	—
Wyoming	11,124	17,633	—	—	950	—	10,940	17,004	—	—	1,058	—
U.S. Service Schools	13,991	—	—	—	—	—	13,344	—	—	—	—	—
Outlying areas	75,723	6,814	88,720	85,507	9,987	395	76,262	7,657	91,483	88,429	9,842	403
American Samoa	—	909	—	—	—	—	—	1,172	—	—	—	—
Federated States of Micronesia	—	772	—	—	—	—	—	1,506	—	—	—	—
Guam	3,748	2,010	—	—	—	—	3,894	1,833	—	—	—	—
Marshall Islands	—	513	—	—	—	—	—	616	—	—	—	—
Northern Marianas	—	1,239	—	—	—	—	—	1,080	—	—	—	—
Palau	—	424	—	—	—	—	—	569	—	—	—	—
Puerto Rico	69,329	947	88,720	85,507	9,987	395	69,626	881	91,483	88,429	9,842	403
Virgin Islands	2,646	—	—	—	—	—	2,742	—	—	—	—	—

—Not available or not applicable.

NOTE: Data for 1998 revised from previously published figures. Data for U.S. Service Schools in 1998 and 1999 reflect substantial changes in survey coverage. Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001.)

Table 198.—Total fall enrollment in degree-granting institutions, by level of enrollment and state: 1998 and 1999

State or other area	Fall 1998				Fall 1999			
	Total	Undergraduate	First-professional	Graduate	Total	Undergraduate	First-professional	Graduate
1	2	3	4	5	6	7	8	9
United States	**14,506,967**	**12,436,937**	**302,473**	**1,767,557**	**14,791,224**	**12,681,231**	**303,190**	**1,806,803**
Alabama	216,241	189,480	4,401	22,360	223,144	192,026	4,364	26,754
Alaska	27,652	26,199	—	1,453	26,948	25,369	—	1,579
Arizona	302,123	267,539	2,152	32,432	326,159	285,473	2,328	38,358
Arkansas	113,751	103,778	1,659	8,314	115,092	105,183	1,675	8,234
California	1,949,508	1,717,810	32,145	199,553	2,017,483	1,778,672	31,729	207,082
Colorado	257,247	215,053	3,276	38,918	261,744	217,822	3,245	40,677
Connecticut	153,336	120,151	3,429	29,756	156,907	123,419	3,497	29,991
Delaware	46,260	40,075	1,080	5,105	46,613	40,507	1,057	5,049
District of Columbia	72,388	40,163	8,689	23,536	72,118	40,024	8,595	23,499
Florida	661,187	586,686	10,467	64,034	684,745	602,515	10,576	71,654
Georgia	303,685	255,958	10,698	37,029	311,812	263,366	9,821	38,625
Hawaii	61,615	53,942	469	7,204	62,578	53,991	486	8,101
Idaho	63,085	55,411	542	7,132	64,661	57,316	541	6,804
Illinois	729,084	615,341	16,870	96,873	733,182	618,649	16,690	97,843
Indiana	299,176	259,018	5,836	34,322	304,725	263,888	5,921	34,916
Iowa	181,944	158,933	6,609	16,402	186,780	163,729	6,779	16,272
Kansas	177,561	154,650	2,181	20,730	176,737	153,331	2,140	21,266
Kentucky	180,550	155,038	4,962	20,550	181,626	156,271	5,071	20,284
Louisiana	221,110	189,292	5,780	26,038	221,348	189,412	6,231	25,705
Maine	56,986	50,082	792	6,112	57,822	51,122	776	5,924
Maryland	265,173	216,498	4,203	44,472	268,820	219,172	4,157	45,491
Massachusetts	415,501	316,525	14,228	84,748	419,695	320,370	14,592	84,733
Michigan	557,011	473,829	10,277	72,905	558,998	474,676	10,309	74,013
Minnesota	271,612	234,089	6,063	31,460	282,756	243,640	6,157	32,959
Mississippi	132,438	119,080	1,774	11,584	133,170	119,395	1,719	12,056
Missouri	310,507	258,331	9,859	42,317	317,480	263,719	9,911	43,850
Montana	44,150	40,384	259	3,507	43,114	40,162	238	2,714
Nebraska	111,123	96,476	3,170	11,477	110,806	96,311	3,182	11,313
Nevada	83,120	74,439	345	8,336	89,711	80,834	481	8,396
New Hampshire	60,784	51,056	677	9,051	63,366	53,641	645	9,080
New Jersey	325,885	277,403	5,113	43,369	330,537	280,649	5,564	44,324
New Mexico	108,810	94,609	927	13,274	111,896	97,226	1,021	13,649
New York	1,014,220	815,055	28,286	170,879	1,020,991	820,973	27,861	172,157
North Carolina	387,407	343,569	7,748	36,090	395,907	351,037	7,705	37,165
North Dakota	39,441	36,256	435	2,750	40,348	37,117	418	2,813
Ohio	542,077	463,755	12,517	65,805	548,545	469,558	12,719	66,268
Oklahoma	178,507	153,822	3,793	20,892	179,055	155,348	4,066	19,641
Oregon	171,056	149,407	3,950	17,699	175,635	153,373	4,074	18,188
Pennsylvania	595,749	496,976	16,922	81,851	605,283	504,850	17,451	82,982
Rhode Island	73,970	63,597	932	9,441	74,821	64,370	1,055	9,396
South Carolina	181,353	155,819	3,062	22,472	183,626	159,408	3,031	21,187
South Dakota	41,545	36,591	579	4,375	42,147	37,384	558	4,205
Tennessee	251,319	218,027	5,573	27,719	252,915	219,433	5,617	27,865
Texas	978,550	854,423	19,901	104,226	990,587	867,635	18,566	104,386
Utah	151,232	139,154	1,258	10,820	161,591	148,329	1,293	11,969
Vermont	37,054	32,303	878	3,873	36,728	32,237	878	3,613
Virginia	370,142	313,878	7,527	48,737	377,970	322,241	7,723	48,006
Washington	298,974	271,474	4,236	23,264	306,723	278,426	4,420	23,877
West Virginia	88,107	76,066	1,522	10,519	88,657	77,104	1,648	9,905
Wisconsin	301,963	268,275	4,045	29,643	304,776	270,684	4,180	29,912
Wyoming	29,707	27,181	377	2,149	29,002	26,500	429	2,073
U.S. Service Schools	13,991	13,991	—	—	13,344	13,344	—	—
Outlying areas	181,244	164,369	3,105	13,770	185,244	167,581	3,269	14,394
American Samoa	909	909	—	—	1,172	1,172	—	—
Federated States of Micronesia	772	772	—	—	1,506	1,506	—	—
Guam	5,758	5,350	—	408	5,727	5,285	—	442
Marshall Islands	513	513	—	—	616	616	—	—
Northern Marianas	1,239	1,239	—	—	1,080	1,080	—	—
Palau	424	424	—	—	569	569	—	—
Puerto Rico	168,983	152,703	3,105	13,175	171,832	154,814	3,269	13,749
Virgin Islands	2,646	2,459	—	187	2,742	2,539	—	203

—Not available or not applicable.

NOTE: Data for 1998 revised from previously published figures. Data for U.S. Service Schools reflect substantial changes in survey coverage. Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey. (This table was prepared March 2001.)

Table 199.—Total fall enrollment in degree-granting institutions, by control, level of enrollment, and state: 1999

State or other area	Public					Private				
	Undergraduate			First-professional	Graduate	Undergraduate			First-professional	Graduate
	Total	4-year	2-year			Total	4-year	2-year		
1	2	3	4	5	6	7	8	9	10	11
United States	**10,110,009**	**4,770,724**	**5,339,285**	**122,885**	**1,076,505**	**2,571,222**	**2,317,972**	**253,250**	**180,305**	**730,298**
Alabama	169,481	101,370	68,111	2,545	25,147	22,545	21,615	930	1,819	1,607
Alaska	24,279	23,534	745	—	1,408	1,090	657	433	—	171
Arizona	250,332	78,995	171,337	1,585	24,351	35,141	27,546	7,595	743	14,007
Arkansas	93,741	59,233	34,508	1,675	7,910	11,442	11,059	383	—	324
California	1,575,268	421,140	1,154,128	7,696	109,643	203,404	170,038	33,366	24,033	97,439
Colorado	187,793	107,532	80,261	1,921	29,722	30,029	24,917	5,112	1,324	10,955
Connecticut	82,025	41,960	40,065	1,135	13,674	41,394	39,131	2,263	2,362	16,317
Delaware	33,538	21,008	12,530	—	3,357	6,969	6,832	137	1,057	1,692
District of Columbia	4,944	4,944	—	168	237	35,080	35,080	—	8,427	23,262
Florida	494,065	182,852	311,213	4,341	42,561	108,450	93,440	15,010	6,235	29,093
Georgia	206,456	134,976	71,480	3,303	27,652	56,910	52,979	3,931	6,518	10,973
Hawaii	40,558	15,168	25,390	476	5,445	13,433	11,816	1,617	10	2,656
Idaho	45,999	36,721	9,278	541	6,075	11,317	2,447	8,870	—	729
Illinois	485,805	146,163	339,642	4,259	43,458	132,844	126,503	6,341	12,431	54,385
Indiana	199,546	156,395	43,151	4,105	27,159	64,342	58,048	6,294	1,816	7,757
Iowa	118,126	53,140	64,986	3,306	12,321	45,603	43,052	2,551	3,473	3,951
Kansas	137,117	67,635	69,482	2,045	17,926	16,214	14,784	1,430	95	3,340
Kentucky	126,663	84,351	42,312	3,012	16,883	29,608	24,417	5,191	2,059	3,401
Louisiana	165,362	124,858	40,504	2,807	20,404	24,050	21,517	2,533	3,424	5,301
Maine	36,328	28,500	7,828	266	3,755	14,794	13,178	1,616	510	2,169
Maryland	192,517	87,978	104,539	3,357	24,935	26,655	25,892	763	800	20,556
Massachusetts	160,157	80,649	79,508	415	20,942	160,213	153,065	7,148	14,177	63,791
Michigan	395,540	205,025	190,515	6,596	59,689	79,136	76,365	2,771	3,713	14,324
Minnesota	189,301	94,129	95,172	2,689	15,484	54,339	43,310	11,029	3,468	17,475
Mississippi	109,458	50,699	58,759	1,297	10,614	9,937	9,079	858	422	1,442
Missouri	178,273	99,456	78,817	2,683	18,368	85,446	77,998	7,448	7,228	25,482
Montana	35,496	28,720	6,776	238	2,602	4,666	3,927	739	—	112
Nebraska	77,582	42,005	35,577	1,309	9,495	18,729	16,930	1,799	1,873	1,818
Nevada	77,493	29,082	48,411	481	7,296	3,341	1,533	1,808	—	1,100
New Hampshire	31,303	21,744	9,559	—	3,624	22,338	21,352	986	645	5,456
New Jersey	233,212	110,154	123,058	3,544	26,996	47,437	44,418	3,019	2,020	17,328
New Mexico	90,366	37,896	52,470	1,021	11,738	6,860	5,693	1,167	—	1,911
New York	501,662	269,874	231,788	4,604	60,040	319,311	297,799	21,512	23,257	112,117
North Carolina	289,704	129,375	160,329	3,155	28,452	61,333	59,781	1,552	4,550	8,713
North Dakota	32,980	24,218	8,762	418	2,542	4,137	3,625	512	—	271
Ohio	359,995	205,393	154,602	7,533	44,013	109,563	98,716	10,847	5,186	22,255
Oklahoma	136,252	76,758	59,494	2,734	16,375	19,096	16,632	2,464	1,332	3,266
Oregon	133,647	54,436	79,211	1,319	13,211	19,726	18,662	1,064	2,755	4,977
Pennsylvania	295,490	196,284	99,206	5,039	36,401	209,360	175,464	33,896	12,412	46,581
Rhode Island	33,018	17,408	15,610	345	5,287	31,352	31,352	—	710	4,109
South Carolina	132,475	66,091	66,384	2,177	18,844	26,933	25,616	1,317	854	2,343
South Dakota	29,969	24,402	5,567	484	3,744	7,415	7,203	212	74	461
Tennessee	171,448	96,277	75,171	2,776	19,422	47,985	43,636	4,349	2,841	8,443
Texas	768,512	328,135	440,377	10,998	82,761	99,123	86,134	12,989	7,568	21,625
Utah	111,651	78,810	32,841	822	8,085	36,678	33,599	3,079	471	3,884
Vermont	18,757	13,999	4,758	380	1,443	13,480	12,794	686	498	2,170
Virginia	267,578	131,317	136,261	4,661	39,297	54,663	47,901	6,762	3,062	8,709
Washington	246,943	75,071	171,872	2,388	14,084	31,483	27,923	3,560	2,032	9,793
West Virginia	65,654	59,266	6,388	1,648	9,475	11,450	9,402	2,048	—	430
Wisconsin	227,364	123,816	103,548	2,159	20,085	43,320	43,115	205	2,021	9,827
Wyoming	25,442	8,438	17,004	429	2,073	1,058	—	1,058	—	—
U.S. Service Schools	13,344	13,344	—	—	—	—	—	—	—	—
Outlying areas	77,114	69,457	7,657	1,197	5,608	90,467	80,625	9,842	2,072	8,786
American Samoa	1,172	—	1,172	—	—	—	—	—	—	—
Federated States of Micronesia	1,506	—	1,506	—	—	—	—	—	—	—
Guam	5,285	3,452	1,833	—	442	—	—	—	—	—
Marshall Islands	616	—	616	—	—	—	—	—	—	—
Northern Marianas	1,080	—	1,080	—	—	—	—	—	—	—
Palau	569	—	569	—	—	—	—	—	—	—
Puerto Rico	64,347	63,466	881	1,197	4,963	90,467	80,625	9,842	2,072	8,786
Virgin Islands	2,539	2,539	—	—	203	—	—	—	—	—

—Not available or not applicable.

NOTE: Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs. Data imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment, 1999" survey. (This table was prepared March 2001.)

Table 200.—Total fall enrollment in degree-granting institutions, by control, level of enrollment, and state: 1998

State or other area	Public					Private				
	Undergraduate			First-professional	Graduate	Undergraduate			First-professional	Graduate
	Total	4-year	2-year			Total	4-year	2-year		
1	2	3	4	5	6	7	8	9	10	11
United States	**9,950,212**	**4,704,249**	**5,245,963**	**120,698**	**1,066,859**	**2,486,725**	**2,243,374**	**243,351**	**181,775**	**700,698**
Alabama	167,238	100,095	67,143	2,495	20,952	22,242	21,312	930	1,906	1,408
Alaska	25,029	24,163	866	—	1,267	1,170	719	451	—	186
Arizona	241,905	77,745	164,160	1,554	24,643	25,634	19,572	6,062	598	7,789
Arkansas	92,688	58,532	34,156	1,659	7,917	11,090	10,714	376	—	397
California	1,532,530	410,729	1,121,801	7,812	105,987	185,280	155,360	29,920	24,333	93,566
Colorado	185,695	105,495	80,200	1,919	28,737	29,358	24,651	4,707	1,357	10,181
Connecticut	79,624	40,270	39,354	1,116	13,559	40,527	39,229	1,298	2,313	16,197
Delaware	33,970	21,110	12,860	—	3,392	6,105	5,997	108	1,080	1,713
District of Columbia	4,997	4,997	—	158	255	35,166	35,166	—	8,531	23,281
Florida	487,818	174,368	313,450	4,239	39,864	98,868	84,501	14,367	6,228	24,170
Georgia	200,547	131,298	69,249	3,214	26,167	55,411	51,498	3,913	7,484	10,862
Hawaii	39,830	14,921	24,909	458	4,982	14,112	12,424	1,688	11	2,222
Idaho	44,256	35,389	8,867	542	6,532	11,155	2,362	8,793	—	600
Illinois	485,649	145,903	339,746	4,334	43,311	129,692	123,374	6,318	12,536	53,562
Indiana	197,321	155,787	41,534	4,031	27,098	61,697	54,788	6,909	1,805	7,224
Iowa	113,697	52,230	61,467	3,266	12,339	45,236	44,208	1,028	3,343	4,063
Kansas	138,851	67,040	71,811	2,068	17,675	15,799	14,230	1,569	113	3,055
Kentucky	125,811	84,848	40,963	3,071	17,462	29,227	24,632	4,595	1,891	3,088
Louisiana	166,635	125,366	41,269	2,596	20,665	22,657	20,425	2,232	3,184	5,373
Maine	34,612	26,826	7,786	292	3,732	15,470	13,759	1,711	500	2,380
Maryland	191,066	86,607	104,459	3,431	24,558	25,432	24,253	1,179	772	19,914
Massachusetts	155,943	80,295	75,648	411	22,022	160,582	153,601	6,981	13,817	62,726
Michigan	396,772	201,328	195,444	6,482	59,326	77,057	74,167	2,890	3,795	13,579
Minnesota	182,080	93,267	88,813	2,709	15,633	52,009	42,152	9,857	3,354	15,827
Mississippi	109,350	50,869	58,481	1,313	10,168	9,730	8,791	939	461	1,416
Missouri	173,952	98,133	75,819	2,613	17,897	84,379	76,709	7,670	7,246	24,420
Montana	35,166	28,501	6,665	259	3,343	5,218	4,007	1,211	—	164
Nebraska	78,058	42,487	35,571	1,377	9,605	18,418	17,115	1,303	1,793	1,872
Nevada	71,317	25,474	45,843	345	7,485	3,122	1,470	1,652	—	851
New Hampshire	28,658	21,501	7,157	—	3,529	22,398	21,463	935	677	5,522
New Jersey	230,456	109,342	121,114	3,113	26,523	46,947	40,562	6,385	2,000	16,846
New Mexico	88,725	36,773	51,952	927	11,498	5,884	4,981	903	—	1,776
New York	502,920	268,590	234,330	4,492	59,790	312,135	290,338	21,797	23,794	111,089
North Carolina	283,092	127,940	155,152	3,147	27,871	60,477	59,663	814	4,601	8,219
North Dakota	32,344	23,756	8,588	435	2,485	3,912	3,584	328	—	265
Ohio	356,494	211,315	145,179	7,548	44,445	107,261	95,370	11,891	4,969	21,360
Oklahoma	135,676	75,443	60,233	2,402	17,718	18,146	15,927	2,219	1,391	3,174
Oregon	129,740	52,012	77,728	1,250	13,336	19,667	18,871	796	2,700	4,363
Pennsylvania	296,520	195,294	101,226	4,972	36,555	200,456	169,585	30,871	11,950	45,296
Rhode Island	32,722	17,356	15,366	225	5,421	30,875	30,875	—	707	4,020
South Carolina	129,958	65,706	64,252	2,151	20,433	25,861	24,203	1,658	911	2,039
South Dakota	29,627	24,128	5,499	501	3,960	6,964	6,756	208	78	415
Tennessee	170,869	94,905	75,964	2,823	19,701	47,158	42,247	4,911	2,750	8,018
Texas	756,481	323,247	433,234	10,824	81,770	97,942	85,515	12,427	9,077	22,456
Utah	103,316	74,150	29,166	788	7,211	35,838	32,789	3,049	470	3,609
Vermont	18,735	14,077	4,658	379	1,435	13,568	12,906	662	499	2,438
Virginia	260,275	127,744	132,531	4,612	40,568	53,603	47,057	6,546	2,915	8,169
Washington	241,077	74,219	166,858	2,381	13,589	30,397	27,063	3,334	1,855	9,675
West Virginia	64,685	58,104	6,581	1,522	10,115	11,381	9,658	1,723	—	404
Wisconsin	225,213	121,985	103,228	2,065	20,184	43,062	42,775	287	1,980	9,459
Wyoming	26,231	8,598	17,633	377	2,149	950	—	950	—	—
U.S. Service Schools	13,991	13,991	—	—	—	—	—	—	—	—
Outlying areas	75,771	68,957	6,814	1,201	5,565	88,598	78,611	9,987	1,904	8,205
American Samoa	909	—	909	—	—	—	—	—	—	—
Federated States of Micronesia	772	—	772	—	—	—	—	—	—	—
Guam	5,350	3,340	2,010	—	408	—	—	—	—	—
Marshall Islands	513	—	513	—	—	—	—	—	—	—
Northern Marianas	1,239	—	1,239	—	—	—	—	—	—	—
Palau	424	—	424	—	—	—	—	—	—	—
Puerto Rico	64,105	63,158	947	1,201	4,970	88,598	78,611	9,987	1,904	8,205
Virgin Islands	2,459	2,459	—	—	187	—	—	—	—	—

—Not available or not applicable.

NOTE: Data revised from previously published figures. Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment, 1998" survey. (This table was prepared March 2001.)

Table 201.—Full-time-equivalent fall enrollment in degree-granting institutions, by control and type of institution: 1969 to 1999

Year	All institutions			Public institutions			Private institutions		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
	Institutions of higher education[1]								
1969	6,334,139	4,899,526	1,434,612	4,577,985	3,259,676	1,318,309	1,756,153	1,639,850	116,303
1970	6,737,817	5,145,410	1,592,404	4,953,149	3,468,572	1,484,577	1,784,665	1,676,838	107,827
1971	7,148,575	5,357,708	1,790,867	5,344,356	3,660,624	1,683,732	1,804,219	1,697,084	107,135
1972	7,253,712	5,406,792	1,846,921	5,452,851	3,706,238	1,746,613	1,800,862	1,700,554	100,308
1973	7,453,467	5,439,226	2,014,241	5,629,568	3,721,035	1,908,533	1,823,899	1,718,191	105,708
1974	7,805,454	5,606,248	2,199,206	5,944,799	3,847,542	2,097,257	1,860,655	1,758,706	101,949
1975	8,479,688	5,900,403	2,579,285	6,522,310	4,056,500	2,465,810	1,957,378	1,843,903	113,475
1976	8,312,502	5,848,001	2,464,501	6,349,903	3,998,450	2,351,453	1,962,599	1,849,551	113,048
1977	8,415,339	5,935,076	2,480,263	6,396,476	4,039,071	2,357,405	2,018,863	1,896,005	122,858
1978	8,348,482	5,932,357	2,416,125	6,279,199	3,996,126	2,283,073	2,069,283	1,936,231	133,052
1979	8,487,317	6,016,072	2,471,245	6,392,617	4,059,304	2,333,313	2,094,700	1,956,768	137,932
1980	8,819,013	6,161,372	2,657,641	6,642,294	4,158,267	2,484,027	2,176,719	2,003,105	[2]173,614
1981	9,014,521	6,249,847	2,764,674	6,781,300	4,208,506	2,572,794	2,233,221	2,041,341	[2]191,880
1982	9,091,648	6,248,923	2,842,725	6,850,589	4,220,648	2,629,941	2,241,059	2,028,275	212,784
1983	9,166,398	6,325,222	2,841,176	6,881,479	4,265,807	2,615,672	2,284,919	2,059,415	225,504
1984	8,951,695	6,292,711	2,658,984	6,684,664	4,237,895	2,446,769	2,267,031	2,054,816	212,215
1985	8,943,433	6,294,339	2,649,094	6,667,781	4,239,622	2,428,159	2,275,652	2,054,717	220,935
1986	9,064,165	6,360,325	2,703,842	6,778,045	4,295,494	2,482,551	2,286,122	2,064,831	[3]221,291
1987	9,229,736	6,486,504	2,743,230	6,937,690	4,395,728	2,541,961	2,292,045	2,090,776	201,269
1988	9,464,271	6,664,146	2,800,125	7,096,905	4,505,774	2,591,131	2,367,366	2,158,372	208,994
1989	9,780,881	6,813,602	2,967,279	7,371,590	4,619,828	2,751,762	2,409,291	2,193,774	215,517
1990	9,983,436	6,968,008	3,015,428	7,557,982	4,740,049	2,817,933	2,425,454	2,227,959	197,495
1991	10,360,606	7,081,454	3,279,152	7,862,845	4,795,704	3,067,141	2,497,761	2,285,750	212,011
1992	10,436,776	7,129,379	3,307,397	7,911,701	4,797,884	3,113,817	2,525,075	2,331,495	193,580
1993	10,351,415	7,120,921	3,230,494	7,812,394	4,765,983	3,046,411	2,539,021	2,354,938	184,083
1994	10,348,072	7,137,341	3,210,731	7,784,396	4,749,524	3,034,872	2,563,676	2,387,817	175,859
1995	10,334,956	7,172,844	3,162,112	7,751,815	4,757,223	2,994,592	2,583,141	2,415,621	167,520
1996	10,402,260	7,231,680	3,170,580	7,775,298	4,767,248	3,008,050	2,626,962	2,464,432	162,530
1997	10,484,726	7,320,206	3,164,520	7,839,374	4,813,152	3,026,222	2,645,352	2,507,054	138,298
	Degree-granting institutions[4]								
1996	10,481,886	7,234,541	3,247,345	7,794,895	4,767,117	3,027,778	2,686,991	2,467,424	219,567
1997	10,615,028	7,338,794	3,276,234	7,869,764	4,813,849	3,055,915	2,745,264	2,524,945	220,319
1998[5]	10,698,775	7,467,828	3,230,947	7,880,135	4,868,857	3,011,278	2,818,640	2,598,971	219,669
1999[6]	10,943,609	7,638,976	3,304,633	8,020,074	4,944,554	3,075,520	2,923,535	2,694,422	229,113

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology in 1980 and 1981.

[3] Because of imputation techniques, data are not consistent with figures for other years.

[4] Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

[5] Data revised from previously published figures.

[6] Data imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities;" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001.)

Table 202.—Full-time-equivalent fall enrollment in degree-granting institutions, by control, type of institution, and state: 1997 to 1999

State or other area	Public 4-year			Public 2-year			Private 4-year			Private 2-year		
	1997	1998	1999	1997	1998	1999	1997	1998	1999	1997	1998	1999
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**4,813,849**	**4,868,857**	**4,944,554**	**3,055,915**	**3,011,278**	**3,075,520**	**2,524,945**	**2,598,971**	**2,694,422**	**220,319**	**219,669**	**229,113**
Alabama	101,863	103,208	106,355	52,497	46,231	46,002	21,323	22,246	22,695	961	777	768
Alaska	16,925	16,490	16,097	311	346	309	575	702	645	356	333	283
Arizona	85,153	85,572	86,582	79,407	82,375	86,901	22,412	25,248	39,280	7,139	5,978	7,495
Arkansas	52,430	56,742	57,367	23,685	21,455	22,291	10,246	10,325	10,654	494	358	356
California	443,300	451,546	464,658	597,110	585,983	600,019	221,247	230,530	246,196	28,653	28,735	31,790
Colorado	106,894	107,805	109,956	40,555	41,545	41,422	27,097	28,301	28,949	4,387	4,330	4,882
Connecticut	42,028	42,563	44,405	19,888	19,626	20,340	45,548	46,914	47,629	1,156	923	1,814
Delaware	20,799	21,318	21,406	6,976	7,575	7,391	5,393	5,631	6,239	—	100	127
District of Columbia	3,105	3,322	3,251	—	—	—	55,635	55,192	54,604	—	—	—
Florida	167,585	172,690	182,007	175,183	171,523	175,662	87,391	93,753	103,400	13,092	13,220	14,157
Georgia	135,939	130,986	134,719	46,197	43,536	44,805	59,236	61,686	62,069	3,685	3,507	3,558
Hawaii	17,079	16,839	17,249	15,515	15,649	15,887	10,907	11,206	11,512	1,578	1,620	1,542
Idaho	32,539	32,888	33,696	6,222	6,249	6,370	2,510	2,571	2,709	8,195	8,609	8,644
Illinois	160,767	163,015	163,870	190,362	188,334	186,937	145,286	151,232	155,459	5,294	5,029	4,968
Indiana	149,174	152,068	153,878	23,233	23,999	24,794	56,500	57,419	60,501	6,626	5,781	5,413
Iowa	59,382	60,052	60,950	42,236	41,949	44,916	41,986	42,987	42,511	1,795	840	2,249
Kansas	71,007	71,426	72,499	39,857	39,461	38,810	13,444	14,018	14,724	1,370	1,394	1,266
Kentucky	86,461	87,224	86,156	27,844	27,885	28,792	23,516	24,853	25,007	4,261	4,189	4,712
Louisiana	126,343	127,181	127,210	28,016	28,571	28,214	23,516	24,936	26,144	2,126	2,153	2,440
Maine	22,449	22,908	24,137	4,695	4,789	4,832	12,668	12,764	12,670	1,535	1,577	1,400
Maryland	89,032	90,571	91,887	56,296	56,826	57,140	31,116	32,346	34,440	1,012	1,008	557
Massachusetts	78,707	78,499	78,702	42,809	45,135	47,288	193,523	193,405	195,493	5,245	5,251	5,713
Michigan	211,724	215,660	219,679	100,988	101,694	100,096	66,600	69,721	72,402	1,294	2,058	1,946
Minnesota	89,241	89,848	90,791	61,498	58,444	61,990	48,597	51,073	53,655	7,098	8,424	9,480
Mississippi	54,389	54,751	54,665	44,511	46,043	46,019	9,131	9,209	9,456	787	868	746
Missouri	94,466	96,156	97,598	42,885	44,342	46,645	79,111	80,883	82,925	6,061	7,164	6,932
Montana	28,442	28,536	28,219	4,812	4,842	4,820	3,455	3,476	3,399	1,006	953	488
Nebraska	45,492	44,576	44,213	19,810	20,564	20,819	17,608	17,921	17,942	1,563	1,240	1,624
Nevada	23,210	24,122	26,076	18,361	20,655	21,866	1,765	2,140	2,541	1,082	1,568	1,706
New Hampshire	21,317	20,736	20,932	4,988	4,098	5,094	21,447	21,857	21,481	857	703	856
New Jersey	106,129	107,204	109,907	76,578	76,296	77,824	45,128	46,233	49,979	4,659	5,319	2,778
New Mexico	38,582	39,217	40,454	28,819	29,447	30,080	5,990	5,944	6,677	1,061	899	1,117
New York	260,085	266,682	269,086	170,646	162,469	161,750	347,681	353,651	361,951	23,777	19,602	19,459
North Carolina	135,100	136,205	138,499	84,846	92,767	96,813	63,943	65,758	66,258	737	703	1,216
North Dakota	23,682	23,586	24,046	7,024	7,082	7,158	3,373	3,627	3,677	274	317	488
Ohio	218,092	220,413	217,850	84,878	85,507	91,165	98,782	100,828	105,027	11,105	10,578	9,519
Oklahoma	76,763	78,550	78,911	36,230	36,084	35,924	18,309	17,949	18,736	1,383	2,136	2,370
Oregon	55,201	55,736	57,903	43,525	43,720	45,079	21,419	22,695	23,280	664	748	951
Pennsylvania	203,498	206,618	208,225	58,214	58,786	58,158	185,103	188,721	196,191	27,110	28,026	30,548
Rhode Island	17,146	17,705	17,971	8,336	8,408	8,551	30,598	31,459	32,078	—	—	—
South Carolina	72,462	73,958	73,915	38,493	39,245	40,938	23,307	24,290	25,792	1,772	1,572	1,238
South Dakota	23,571	23,240	23,258	4,176	4,617	4,706	4,988	6,064	6,412	123	120	113
Tennessee	97,946	99,331	100,726	47,887	47,293	47,081	47,404	48,577	50,183	3,969	4,462	3,836
Texas	336,871	340,842	346,305	248,268	251,851	257,839	93,282	97,622	95,820	10,185	11,757	12,194
Utah	64,032	62,022	65,669	21,324	18,089	20,259	32,688	33,413	34,699	2,404	2,764	2,717
Vermont	13,990	13,864	13,767	1,916	1,952	2,023	13,255	13,703	13,535	550	566	606
Virginia	142,893	144,926	146,813	67,336	69,245	71,765	47,719	48,537	49,826	5,688	5,520	5,487
Washington	80,700	81,459	82,373	116,030	106,691	109,968	31,175	33,025	33,913	3,505	3,058	3,337
West Virginia	56,618	57,227	58,016	4,566	4,382	4,211	9,123	9,010	8,901	1,512	1,676	2,004
Wisconsin	124,851	127,251	128,938	56,471	56,652	57,068	42,889	43,320	44,156	328	206	165
Wyoming	9,435	9,532	9,368	11,358	10,971	10,689	—	—	—	805	950	1,058
U.S. Service Schools	18,960	13,991	13,344	22,247	—	—	—	—	—	—	—	—
Outlying areas	64,072	67,302	67,772	5,662	4,505	5,307	74,110	75,842	77,929	9,279	9,127	8,806
American Samoa	—	—	—	1,016	634	769	—	—	—	—	—	—
Federated States of Micronesia	—	—	—	1,131	599	1,254	—	—	—	—	—	—
Guam	2,707	2,922	3,104	937	956	882	—	—	—	—	—	—
Marshall Islands	—	—	—	339	403	459	—	—	—	—	—	—
Northern Marianas	—	—	—	702	728	717	—	—	—	—	—	—
Palau	—	—	—	289	341	441	—	—	—	—	—	—
Puerto Rico	59,597	62,585	62,801	1,248	844	785	74,110	75,842	77,929	9,279	9,127	8,806
Virgin Islands	1,768	1,795	1,867	—	—	—	—	—	—	—	—	—

—Not available.

NOTE: Data for 1998 revised from previously published figures. Data for U.S. Service Schools reflect substantial changes in survey coverage between 1997 and 1999. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001.)

Table 203.—Full-time-equivalent fall enrollment in degree-granting institutions, by control and state: 1980 to 1999

State or other area	Total					Public			Private		
	1980[1]	1985[1]	1990[1]	1997[2]	1999[2,3]	1990[1]	1997[2]	1999[2,3]	1990[1]	1997[2]	1999[2,3]
1	2	3	4	5	6	7	8	9	10	11	12
United States	**8,819,013**	**8,943,433**	**9,983,436**	**10,615,028**	**10,943,609**	**7,557,982**	**7,869,764**	**8,020,074**	**2,425,454**	**2,745,264**	**2,923,535**
Alabama	138,910	149,895	174,610	176,644	175,820	154,343	154,360	152,357	20,267	22,284	23,463
Alaska	10,073	14,098	18,496	18,167	17,334	17,087	17,236	16,406	1,409	931	928
Arizona	127,114	134,954	167,617	194,111	220,258	153,500	164,560	173,483	14,117	29,551	46,775
Arkansas	64,307	63,230	74,449	86,855	90,668	63,472	76,115	79,658	10,977	10,740	11,010
California	1,099,559	1,062,439	1,156,288	1,290,310	1,342,663	979,663	1,040,410	1,064,677	176,625	249,900	277,986
Colorado	123,589	121,804	159,032	178,933	185,209	138,350	147,449	151,378	20,682	31,484	33,831
Connecticut	112,612	107,803	115,791	108,620	114,188	70,870	61,916	64,745	44,921	46,704	49,443
Delaware	26,284	25,750	31,612	33,168	35,163	26,059	27,775	28,797	5,553	5,393	6,366
District of Columbia	62,126	58,945	61,549	58,740	57,855	7,294	3,105	3,251	54,255	55,635	54,604
Florida	290,647	308,315	383,385	443,251	475,226	302,579	342,768	357,669	80,806	100,483	117,557
Georgia	152,369	161,952	198,549	245,057	245,151	149,115	182,136	179,524	49,434	62,921	65,627
Hawaii	35,859	36,986	41,097	45,079	46,190	32,496	32,594	33,136	8,601	12,485	13,054
Idaho	33,938	32,649	41,275	49,466	51,419	31,408	38,761	40,066	9,867	10,705	11,353
Illinois	432,365	450,504	493,364	501,709	511,234	353,247	351,129	350,807	140,117	150,580	160,427
Indiana	193,445	195,630	222,835	235,533	244,586	168,984	172,407	178,672	53,851	63,126	65,914
Iowa	120,083	128,492	138,565	145,399	150,626	95,772	101,618	105,866	42,793	43,781	44,760
Kansas	101,147	100,807	118,969	125,678	127,299	106,570	110,864	111,309	12,399	14,814	15,990
Kentucky	113,709	110,539	137,651	142,082	144,667	111,858	114,305	114,948	25,793	27,777	29,719
Louisiana	132,780	148,983	154,132	180,001	184,008	129,357	154,359	155,424	24,775	25,642	28,584
Maine	34,471	37,993	42,021	41,347	43,039	29,876	27,144	28,969	12,145	14,203	14,070
Maryland	149,202	148,091	169,972	177,456	184,024	141,950	145,328	149,027	28,022	32,128	34,997
Massachusetts	315,937	321,022	320,299	320,284	327,196	130,962	121,516	125,990	189,337	198,768	201,206
Michigan	366,058	354,690	389,814	380,606	394,123	326,952	312,712	319,775	62,862	67,894	74,348
Minnesota	162,559	170,958	190,608	206,434	215,916	143,424	150,739	152,781	47,184	55,695	63,135
Mississippi	85,621	86,846	103,957	108,818	110,886	92,269	98,900	100,684	11,688	9,918	10,202
Missouri	180,156	178,090	210,104	222,523	234,100	142,953	137,351	144,243	67,151	85,172	89,857
Montana	29,428	29,992	29,905	37,715	36,926	26,835	33,254	33,039	3,070	4,461	3,887
Nebraska	68,505	70,778	80,989	84,473	84,598	65,739	65,302	65,032	15,250	19,171	19,566
Nevada	22,467	23,093	33,814	44,418	52,189	33,392	41,571	47,942	422	2,847	4,247
New Hampshire	39,456	41,733	45,762	48,609	48,363	24,948	26,305	26,026	20,814	22,304	22,337
New Jersey	218,838	201,270	221,468	232,494	240,488	174,324	182,707	187,731	47,144	49,787	52,757
New Mexico	43,722	47,169	59,517	74,452	78,328	57,870	67,401	70,534	1,647	7,051	7,794
New York	760,305	763,596	798,696	802,189	812,246	446,379	430,731	430,836	352,317	371,458	381,410
North Carolina	235,266	249,901	269,025	284,626	302,786	208,321	219,946	235,312	60,704	64,680	67,474
North Dakota	30,188	32,456	33,118	34,353	35,369	30,276	30,706	31,204	2,842	3,647	4,165
Ohio	369,342	383,898	420,499	412,857	423,561	317,837	302,970	309,015	102,662	109,887	114,546
Oklahoma	115,701	126,691	128,203	132,685	135,941	108,933	112,993	114,835	19,270	19,692	21,106
Oregon	110,649	102,247	120,176	120,809	127,213	101,424	98,726	102,982	18,752	22,083	24,231
Pennsylvania	404,192	422,349	464,179	473,925	493,122	261,305	261,712	266,383	202,874	212,213	226,739
Rhode Island	50,628	53,016	60,168	56,080	58,600	28,804	25,482	26,522	31,364	30,598	32,078
South Carolina	109,346	109,303	127,225	136,034	141,883	101,918	110,955	114,853	25,307	25,079	27,030
South Dakota	27,873	26,988	28,256	32,858	34,489	22,128	27,747	27,964	6,128	5,111	6,525
Tennessee	161,058	152,967	175,961	197,206	201,826	130,184	145,833	147,807	45,777	51,373	54,019
Texas	527,724	566,736	637,742	688,606	712,158	553,436	585,139	604,144	84,306	103,467	108,014
Utah	78,199	84,095	94,012	120,448	123,344	63,495	85,356	85,928	30,517	35,092	37,416
Vermont	25,572	25,649	29,072	29,711	29,931	16,048	15,906	15,790	13,024	13,805	14,141
Virginia	199,549	204,928	251,708	263,636	273,891	202,285	210,229	218,578	49,423	53,407	55,313
Washington	194,440	171,668	189,521	231,410	229,591	160,889	196,730	192,341	28,632	34,680	37,250
West Virginia	60,394	58,438	68,235	71,819	73,132	59,229	61,184	62,227	9,006	10,635	10,905
Wisconsin	206,790	211,749	229,975	224,539	230,327	192,107	181,322	186,006	37,868	43,217	44,321
Wyoming	14,725	17,037	21,888	21,598	21,115	21,185	20,793	20,057	703	805	1,058
U.S. Service Schools[4]	49,736	54,221	48,281	41,207	13,344	48,281	41,207	13,344	—	—	—
Outlying areas	117,637	145,530	140,954	153,123	159,814	55,908	69,734	73,079	85,046	83,389	86,735
American Samoa	824	497	952	1,016	769	952	1,016	769	—	—	—
Federated States of Micronesia	—	—	549	1,131	1,254	549	1,131	1,254	—	—	—
Guam	2,115	3,049	2,956	3,644	3,986	2,956	3,644	3,986	—	—	—
Marshall Islands	—	—	—	339	459	—	339	459	—	—	—
Northern Marianas	—	183	376	702	717	376	702	717	—	—	—
Palau	—	—	423	289	441	423	289	441	—	—	—
Puerto Rico	113,285	139,627	134,193	144,234	150,321	49,147	60,845	63,586	85,046	83,389	86,735
Trust Territory of the Pacific	195	680	—	—	—	—	—	—	—	—	—
Virgin Islands	1,218	1,494	1,505	1,768	1,867	1,505	1,768	1,867	—	—	—

—Not available or not applicable.

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

[3] Data imputed using alternative methods. (See *Guide to Sources* for details.)

[4] Data for 1999 reflect substantial change in survey coverage.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001.)

Table 204.—Residence and migration of all freshmen students in degree-granting institutions, by state: Fall 1998

State or other area	Students enrolled in institutions located in the jurisdiction[1]	Student residents of state		Ratio of students remaining to—		Migration of students		
		Attending college in any jurisdiction[2]	Attending college in home jurisdiction[3]	Students enrolled (col.4 / col.2)	Student residents (col.4 / col.3)	Out of (col. 3 – col. 4)	Into (col. 2 – col. 4)	Net (col. 8 – col. 7)
1	2	3	4	5	6	7	8	9
United States	**2,207,674**	**2,164,336**	**1,801,674**	**0.82**	**0.83**	**362,662**	**406,000**	**[4] 43,338**
Alabama	37,821	34,112	30,913	0.82	0.91	3,199	6,908	3,709
Alaska	2,511	3,909	1,925	0.77	0.49	1,984	586	–1,398
Arizona	41,042	35,385	32,631	0.80	0.92	2,754	8,411	5,657
Arkansas	20,865	20,382	17,940	0.86	0.88	2,442	2,925	483
California	211,835	209,483	192,784	0.91	0.92	16,699	19,051	2,352
Colorado	37,772	34,943	29,203	0.77	0.84	5,740	8,569	2,829
Connecticut	21,970	26,447	14,635	0.67	0.55	11,812	7,335	–4,477
Delaware	7,812	5,960	4,419	0.57	0.74	1,541	3,393	1,852
District of Columbia	8,843	2,774	1,163	0.13	0.42	1,611	7,680	6,069
Florida	90,702	80,525	70,419	0.78	0.87	10,106	20,283	10,177
Georgia	53,673	51,322	43,633	0.81	0.85	7,689	10,040	2,351
Hawaii	9,519	10,550	8,075	0.85	0.77	2,475	1,444	–1,031
Idaho	11,078	10,234	7,945	0.72	0.78	2,289	3,133	844
Illinois	108,523	117,996	98,262	0.91	0.83	19,734	10,261	–9,473
Indiana	55,003	48,744	42,958	0.78	0.88	5,786	12,045	6,259
Iowa	37,709	33,337	29,654	0.79	0.89	3,683	8,055	4,372
Kansas	27,313	25,942	22,971	0.84	0.89	2,971	4,342	1,371
Kentucky	30,299	29,284	25,331	0.84	0.87	3,953	4,968	1,015
Louisiana	40,534	39,180	35,591	0.88	0.91	3,589	4,943	1,354
Maine	8,643	10,067	6,268	0.73	0.62	3,799	2,375	–1,424
Maryland	35,545	40,472	28,276	0.80	0.70	12,196	7,269	–4,927
Massachusetts	63,290	53,001	38,672	0.61	0.73	14,329	24,618	10,289
Michigan	79,681	79,774	72,072	0.90	0.90	7,702	7,609	–93
Minnesota	45,389	47,425	36,823	0.81	0.78	10,602	8,566	–2,036
Mississippi	28,775	26,171	24,522	0.85	0.94	1,649	4,253	2,604
Missouri	44,062	41,078	34,762	0.79	0.85	6,316	9,300	2,984
Montana	7,904	8,280	6,285	0.80	0.76	1,995	1,619	–376
Nebraska	17,648	17,409	14,654	0.83	0.84	2,755	2,994	239
Nevada	11,312	11,719	9,681	0.86	0.83	2,038	1,631	–407
New Hampshire	10,505	9,833	5,424	0.52	0.55	4,409	5,081	672
New Jersey	48,577	68,705	43,466	0.89	0.63	25,239	5,111	–20,128
New Mexico	15,391	16,058	12,851	0.83	0.80	3,207	2,540	–667
New York	156,824	156,560	129,493	0.83	0.83	27,067	27,331	264
North Carolina	66,609	57,815	53,272	0.80	0.92	4,543	13,337	8,794
North Dakota	8,293	6,879	5,653	0.68	0.82	1,226	2,640	1,414
Ohio	95,958	92,600	80,638	0.84	0.87	11,962	15,320	3,358
Oklahoma	31,732	30,132	27,200	0.86	0.90	2,932	4,532	1,600
Oregon	22,523	21,790	17,474	0.78	0.80	4,316	5,049	733
Pennsylvania	112,067	104,475	87,418	0.78	0.84	17,057	24,649	7,592
Rhode Island	14,372	9,048	6,412	0.45	0.71	2,636	7,960	5,324
South Carolina	32,026	29,267	25,943	0.81	0.89	3,324	6,083	2,759
South Dakota	8,504	8,497	6,634	0.78	0.78	1,863	1,870	7
Tennessee	38,508	35,219	29,738	0.77	0.84	5,481	8,770	3,289
Texas	157,599	157,632	144,669	0.92	0.92	12,963	12,930	–33
Utah	25,893	19,601	18,043	0.70	0.92	1,558	7,850	6,292
Vermont	6,812	4,993	2,693	0.40	0.54	2,300	4,119	1,819
Virginia	51,131	46,721	37,296	0.73	0.80	9,425	13,835	4,410
Washington	32,910	34,967	28,723	0.87	0.82	6,244	4,187	–2,057
West Virginia	16,129	14,401	12,011	0.74	0.83	2,390	4,118	1,728
Wisconsin	49,859	47,779	40,818	0.82	0.85	6,961	9,041	2,080
Wyoming	4,421	4,364	3,071	0.69	0.70	1,293	1,350	57
U.S. Service Schools	3,958	—	267	—	—	–267	3,691	3,958
State unknown[5]	—	31,095	—	—	—	31,095	—	–31,095
Outlying areas	34,572	37,161	34,080	0.99	0.92	3,081	492	–2,589
American Samoa	435	489	435	—	—	54	0	–54
Federated States of Micronesia	366	1,821	363	0.99	0.20	1,458	3	–1,455
Guam	562	529	346	0.62	0.65	183	216	33
Marshall Islands	190	207	177	0.93	0.86	30	13	–17
Northern Marianas	117	136	109	0.93	0.80	27	8	–19
Palau	140	111	97	0.69	0.87	14	43	29
Puerto Rico	32,448	33,115	32,257	0.99	0.97	858	191	–667
Virgin Islands	314	753	296	0.94	0.39	457	18	–439
Foreign countries	—	40,749	—	—	—	40,749	—	–40,749

—Not available.

[1] All of the new students reported by the institutions in that state; i.e., all in-migrants and "remaining" students.

[2] All students living in a particular state when admitted to an institution in any state. Students may be enrolled in any state.

[3] Students who attend institutions in their home state.

[4] Includes students coming to U.S. colleges from foreign countries and the outlying areas.

[5] Students are reported in "state unknown" when an institution is unable to determine the student's home state.

NOTE: Data revised from previously published figures. Includes all students who are enrolled at the reporting institution for the first time. Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, 1998. (This table was prepared June 2001.)

Table 205.—Residence and migration of all freshmen students in degree-granting institutions graduating from high school in the past 12 months, by state: Fall 1998

State or other area	Students enrolled in institutions located in the jurisdiction[1]	Student residents of state		Ratio of students remaining to—		Migration of students		
		Attending college in any jurisdiction[2]	Attending college in home jurisdiction[3]	Students enrolled (col. 4/ col. 2)	Student residents (col. 4/ col. 3)	Out of (col. 3– col. 4)	Into (col. 2– col. 4)	Net (column 8– column 7)
1	2	3	4	5	6	7	8	9
United States	**1,592,068**	**1,566,456**	**1,266,023**	**0.80**	**0.81**	**300,433**	**326,045**	**[4]25,612**
Alabama	27,557	24,489	21,881	0.79	0.89	2,608	5,676	3,068
Alaska	1,100	2,467	820	0.75	0.33	1,647	280	–1,367
Arizona	21,122	17,421	15,154	0.72	0.87	2,267	5,968	3,701
Arkansas	15,662	15,083	13,193	0.84	0.87	1,890	2,469	579
California	159,065	159,230	144,875	0.91	0.91	14,355	14,190	–165
Colorado	21,692	21,091	16,065	0.74	0.76	5,026	5,627	601
Connecticut	17,208	21,399	10,429	0.61	0.49	10,970	6,779	–4,191
Delaware	6,573	4,786	3,391	0.52	0.71	1,395	3,182	1,787
District of Columbia	6,946	1,817	491	0.07	0.27	1,326	6,455	5,129
Florida	60,621	55,423	46,857	0.77	0.85	8,566	13,764	5,198
Georgia	40,580	38,771	32,298	0.80	0.83	6,473	8,282	1,809
Hawaii	6,018	7,327	5,164	0.86	0.70	2,163	854	–1,309
Idaho	8,248	7,549	5,628	0.68	0.75	1,921	2,620	699
Illinois	72,180	81,379	63,964	0.89	0.79	17,415	8,216	–9,199
Indiana	44,777	38,482	33,745	0.75	0.88	4,737	11,032	6,295
Iowa	26,589	23,257	20,068	0.75	0.86	3,189	6,521	3,332
Kansas	19,410	18,242	15,813	0.81	0.87	2,429	3,597	1,168
Kentucky	23,343	22,345	19,262	0.83	0.86	3,083	4,081	998
Louisiana	30,305	28,945	25,993	0.86	0.90	2,952	4,312	1,360
Maine	6,300	7,691	4,348	0.69	0.57	3,343	1,952	–1,391
Maryland	24,985	29,323	18,671	0.75	0.64	10,652	6,314	–4,338
Massachusetts	51,820	42,478	29,708	0.57	0.70	12,770	22,112	9,342
Michigan	58,733	58,865	52,345	0.89	0.89	6,520	6,388	–132
Minnesota	32,695	34,612	25,762	0.79	0.74	8,850	6,933	–1,917
Mississippi	18,589	16,858	15,489	0.83	0.92	1,369	3,100	1,731
Missouri	33,727	31,832	26,418	0.78	0.83	5,414	7,309	1,895
Montana	6,009	6,355	4,637	0.77	0.73	1,718	1,372	–346
Nebraska	13,320	13,231	10,800	0.81	0.82	2,431	2,520	89
Nevada	4,260	5,000	3,260	0.77	0.65	1,740	1,000	–740
New Hampshire	8,203	7,583	3,709	0.45	0.49	3,874	4,494	620
New Jersey	33,780	52,940	29,780	0.88	0.56	23,160	4,000	–19,160
New Mexico	10,592	11,344	8,712	0.82	0.77	2,632	1,880	–752
New York	114,550	116,505	92,031	0.80	0.79	24,474	22,519	–1,955
North Carolina	48,113	40,558	37,149	0.77	0.92	3,409	10,964	7,555
North Dakota	7,390	5,976	5,036	0.68	0.84	940	2,354	1,414
Ohio	69,803	68,504	58,080	0.83	0.85	10,424	11,723	1,299
Oklahoma	19,236	18,493	16,104	0.84	0.87	2,389	3,132	743
Oregon	14,526	14,442	10,610	0.73	0.73	3,832	3,916	84
Pennsylvania	87,333	80,065	65,180	0.75	0.81	14,885	22,153	7,268
Rhode Island	10,862	6,416	4,047	0.37	0.63	2,369	6,815	4,446
South Carolina	23,575	21,050	18,284	0.78	0.87	2,766	5,291	2,525
South Dakota	5,944	6,108	4,491	0.76	0.74	1,617	1,453	–164
Tennessee	29,948	26,997	22,337	0.75	0.83	4,660	7,611	2,951
Texas	102,209	106,387	95,148	0.93	0.89	11,239	7,061	–4,178
Utah	18,241	13,451	12,163	0.67	0.90	1,288	6,078	4,790
Vermont	5,379	3,811	1,768	0.33	0.46	2,043	3,611	1,568
Virginia	40,356	37,488	29,277	0.73	0.78	8,211	11,079	2,868
Washington	28,049	29,726	24,533	0.87	0.83	5,193	3,516	–1,677
West Virginia	12,931	11,152	9,371	0.72	0.84	1,781	3,560	1,779
Wisconsin	34,964	35,167	29,015	0.83	0.83	6,152	5,949	–203
Wyoming	3,508	3,494	2,456	0.70	0.70	1,038	1,052	14
U.S. Service Schools	3,142	—	213	—	—	–213	2,929	3,142
State unknown[5]	—	13,051	—	—	—	13,051	—	–13,051
Outlying areas	30,891	32,297	30,569	0.99	0.95	1,728	322	–1,406
American Samoa	435	481	435	—	—	46	0	–46
Federated States of Micronesia	348	824	346	0.99	0.42	478	2	–476
Guam	453	437	284	0.63	0.65	153	169	16
Marshall Islands	177	180	165	0.93	0.92	15	12	–3
Northern Marianas	95	118	95	1.00	0.81	23	0	–23
Palau	139	106	97	0.70	0.92	9	42	33
Puerto Rico	28,969	29,522	28,889	1.00	0.98	633	80	–553
Virgin Islands	275	629	258	0.94	0.41	371	17	–354
Foreign countries	—	24,206	—	—	—	24,206	—	–24,206

—Not available.

[1] All of the new students reported by the institutions in that state; i.e., all in-migrants and "remaining" students.

[2] All students living in a particular state when admitted to an institution in any state. Students may be enrolled in any state.

[3] Students who attend institutions in their home state.

[4] Includes students coming to U.S. colleges from foreign countries and the outlying areas.

[5] Students are reported in "state unknown" when an institution is unable to determine the student's home state.

NOTE: Data revised from previously published figures. Includes all students who are enrolled at the reporting institution for the first time. Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, 1998. (This table was prepared June 2001.)

Table 206.—Residence and migration of all freshmen students in 4-year degree-granting institutions graduating from high school in the past 12 months, by state: Fall 1998

State or other area	Students enrolled in institutions located in the jurisdiction[1]	Student residents of state		Ratio of students remaining to—		Migration of students		
		Attending college in any jurisdiction[2]	Attending college in home jurisdiction[3]	Students enrolled (col.4 / col.2)	Student residents (col.4 / col.3)	Out of (col. 3 – col. 4)	Into (col. 2 – col. 4)	Net (col. 8 – col. 7)
1	2	3	4	5	6	7	8	9
United States	**1,094,747**	**1,073,274**	**797,159**	**0.73**	**0.74**	**276,115**	**297,588**	**[4]21,473**
Alabama	17,589	14,837	12,483	0.71	0.84	2,354	5,106	2,752
Alaska	1,053	2,266	773	0.73	0.34	1,493	280	–1,213
Arizona	12,787	10,386	8,355	0.65	0.80	2,031	4,432	2,401
Arkansas	12,174	11,332	9,817	0.81	0.87	1,515	2,357	842
California	78,536	81,261	67,878	0.86	0.84	13,383	10,658	–2,725
Colorado	17,527	17,135	12,509	0.71	0.73	4,626	5,018	392
Connecticut	14,193	18,206	7,455	0.53	0.41	10,751	6,738	–4,013
Delaware	5,585	3,802	2,475	0.44	0.65	1,327	3,110	1,783
District of Columbia	6,946	1,748	491	0.07	0.28	1,257	6,455	5,198
Florida	34,934	31,192	23,179	0.66	0.74	8,013	11,755	3,742
Georgia	30,044	28,630	22,547	0.75	0.79	6,083	7,497	1,414
Hawaii	2,738	4,012	1,964	0.72	0.49	2,048	774	–1,274
Idaho	4,922	5,524	3,924	0.80	0.71	1,600	998	–602
Illinois	41,814	50,524	34,170	0.82	0.68	16,354	7,644	–8,710
Indiana	39,045	32,624	28,424	0.73	0.87	4,200	10,621	6,421
Iowa	16,933	14,078	11,121	0.66	0.79	2,957	5,812	2,855
Kansas	12,368	11,860	9,572	0.77	0.81	2,288	2,796	508
Kentucky	17,179	16,191	13,371	0.78	0.83	2,820	3,808	988
Louisiana	25,431	23,740	21,151	0.83	0.89	2,589	4,280	1,691
Maine	5,158	6,507	3,247	0.63	0.50	3,260	1,911	–1,349
Maryland	15,941	20,434	10,073	0.63	0.49	10,361	5,868	–4,493
Massachusetts	41,054	32,228	19,754	0.48	0.61	12,474	21,300	8,826
Michigan	43,150	43,197	37,161	0.86	0.86	6,036	5,989	–47
Minnesota	20,801	22,830	14,981	0.72	0.66	7,849	5,820	–2,029
Mississippi	8,528	7,084	5,845	0.69	0.83	1,239	2,683	1,444
Missouri	24,026	22,119	17,367	0.72	0.79	4,752	6,659	1,907
Montana	5,013	5,057	3,693	0.74	0.73	1,364	1,320	–44
Nebraska	9,893	9,661	7,548	0.76	0.78	2,113	2,345	232
Nevada	3,099	3,630	2,218	0.72	0.61	1,412	881	–531
New Hampshire	7,319	6,561	2,935	0.40	0.45	3,626	4,384	758
New Jersey	20,500	39,444	16,796	0.82	0.43	22,648	3,704	–18,944
New Mexico	6,243	7,334	4,947	0.79	0.67	2,387	1,296	–1,091
New York	86,079	88,084	64,271	0.75	0.73	23,813	21,808	–2,005
North Carolina	34,453	27,068	23,921	0.69	0.88	3,147	10,532	7,385
North Dakota	4,796	3,719	2,846	0.59	0.77	873	1,950	1,077
Ohio	54,020	53,005	43,113	0.80	0.81	9,892	10,907	1,015
Oklahoma	12,312	11,628	9,524	0.77	0.82	2,104	2,788	684
Oregon	9,488	9,782	6,313	0.67	0.65	3,469	3,175	–294
Pennsylvania	69,166	61,764	47,974	0.69	0.78	13,790	21,192	7,402
Rhode Island	9,281	4,873	2,614	0.28	0.54	2,259	6,667	4,408
South Carolina	16,764	14,243	11,666	0.70	0.82	2,577	5,098	2,521
South Dakota	4,751	4,779	3,413	0.72	0.71	1,366	1,338	–28
Tennessee	22,491	19,470	15,099	0.67	0.78	4,371	7,392	3,021
Texas	60,440	65,570	55,019	0.91	0.84	10,551	5,421	–5,130
Utah	13,410	8,650	7,901	0.59	0.91	749	5,509	4,760
Vermont	5,207	3,540	1,616	0.31	0.46	1,924	3,591	1,667
Virginia	31,620	28,850	21,011	0.66	0.73	7,839	10,609	2,770
Washington	15,042	16,457	11,777	0.78	0.72	4,680	3,265	–1,415
West Virginia	11,780	9,905	8,416	0.71	0.85	1,489	3,364	1,875
Wisconsin	26,804	27,200	21,495	0.80	0.79	5,705	5,309	–396
Wyoming	1,178	1,640	733	0.62	0.45	907	445	–462
U.S. Service Schools	3,142	—	213	—	—	–213	2,929	3,142
State unknown[5]	—	7,613	—	—	—	7,613	—	–7,613
Outlying areas	27,051	28,011	26,843	0.99	0.96	1,168	208	–960
American Samoa	—	33	—	—	—	33	—	–33
Federated States of Micronesia	—	26	—	—	—	26	—	–26
Guam	452	422	284	0.63	0.67	138	168	30
Marshall Islands	—	7	—	—	—	7	—	–7
Northern Marianas	—	19	—	—	—	19	—	–19
Palau	—	9	—	—	—	9	—	–9
Puerto Rico	26,324	26,875	26,301	1.00	0.98	574	23	–551
Virgin Islands	275	620	258	0.94	0.42	362	17	–345
Foreign countries	—	20,513	—	—	—	20,513	—	–20,513

—Not available.

[1] All of the new students reported by the institutions in that state; i.e., all in-migrants and "remaining" students.

[2] All students living in a particular state when admitted to an institution in any state. Students may be enrolled in any state.

[3] Students who attend institutions in their home state.

[4] Includes students coming to U.S. colleges from foreign countries and the outlying areas.

[5] Students are reported in "state unknown" when an institution is unable to determine the student's home state.

NOTE: Data revised from previously published figures. Includes all students who are enrolled at the reporting institution for the first time. Data are for 4-year degree-granting institutions that participated in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, 1998. (This table was prepared June 2001.)

Table 207.—Total fall enrollment in degree-granting institutions, by type and control of institution and race/ethnicity of student: 1976 to 1999

Type and control of institution and race/ethnicity of student	Institutions of higher education, in thousands[1]				Degree-granting institutions, in thousands[2]				Percentage distribution of students[3]							
									Institutions of higher education[1]				Degree-granting institutions[2]			
	1976	1980	1990	1995	1996	1997	1998	1999	1976	1980	1990	1995	1996	1997	1998	1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
All students																
Total	10,985.6	12,086.8	13,818.6	14,261.8	14,367.5	14,502.3	14,507.0	14,791.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	9,076.1	9,833.0	10,722.5	10,311.2	10,263.9	10,266.1	10,178.8	10,262.5	84.3	83.5	79.9	74.7	73.8	73.1	72.4	71.9
Total minority	1,690.8	1,948.8	2,704.7	3,496.2	3,637.4	3,771.2	3,884.7	4,012.3	15.7	16.5	20.1	25.3	26.2	26.9	27.6	28.1
Black, non-Hispanic	1,033.0	1,106.8	1,247.0	1,473.7	1,505.6	1,551.0	1,582.9	1,640.7	9.6	9.4	9.3	10.7	10.8	11.0	11.3	11.5
Hispanic	383.8	471.7	782.4	1,093.8	1,166.1	1,218.5	1,257.1	1,316.6	3.6	4.0	5.8	7.9	8.4	8.7	8.9	9.2
Asian or Pacific Islander	197.9	286.4	572.4	797.4	828.2	859.2	900.5	909.7	1.8	2.4	4.3	5.8	6.0	6.1	6.4	6.4
American Indian/Alaskan Native	76.1	83.9	102.8	131.3	137.6	142.5	144.2	145.3	0.7	0.7	0.8	1.0	1.0	1.0	1.0	1.0
Nonresident alien	218.7	305.0	391.5	454.4	466.3	465.0	443.5	516.4	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Public																
Total	8,641.0	9,456.4	10,844.7	11,092.4	11,120.5	11,196.1	11,137.8	11,309.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	7,094.5	7,656.1	8,385.4	7,945.4	7,871.9	7,857.8	7,750.6	7,794.7	83.5	82.7	79.2	73.6	72.8	72.1	71.3	71.0
Total minority	1,401.2	1,596.2	2,199.2	2,849.5	2,944.8	3,040.9	3,112.4	3,188.6	16.5	17.3	20.8	26.4	27.2	27.9	28.7	29.0
Black, non-Hispanic	831.2	876.1	976.4	1,160.6	1,177.4	1,205.3	1,218.8	1,252.4	9.8	9.5	9.2	10.8	10.9	11.1	11.2	11.4
Hispanic	336.8	406.2	671.4	937.1	990.7	1,031.6	1,057.8	1,097.8	4.0	4.4	6.3	8.7	9.2	9.5	9.7	10.0
Asian or Pacific Islander	165.7	239.7	461.0	638.0	657.9	680.4	713.2	714.4	2.0	2.6	4.4	5.9	6.1	6.2	6.6	6.5
American Indian/Alaskan Native	67.5	74.2	90.4	113.8	118.8	123.6	122.6	124.1	0.8	0.8	0.9	1.1	1.1	1.1	1.1	1.1
Nonresident alien	145.3	204.2	260.0	297.5	303.8	297.3	274.9	326.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Private																
Total	2,344.6	2,630.4	2,973.9	3,169.4	3,247.0	3,306.2	3,369.2	3,481.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	1,981.6	2,176.9	2,337.0	2,365.9	2,392.0	2,408.3	2,428.3	2,467.7	87.3	86.1	82.2	78.5	77.5	76.7	75.9	75.0
Total minority	289.6	352.7	505.5	646.6	692.6	730.3	772.3	823.7	12.7	13.9	17.8	21.5	22.5	23.3	24.1	25.0
Black, non-Hispanic	201.8	230.7	270.6	313.0	328.1	345.8	364.2	388.4	8.9	9.1	9.5	10.4	10.6	11.0	11.4	11.8
Hispanic	47.0	65.6	111.0	156.8	175.4	186.9	199.3	218.8	2.1	2.6	3.9	5.2	5.7	6.0	6.2	6.6
Asian or Pacific Islander	32.2	46.7	111.5	159.4	170.3	178.8	187.3	195.3	1.4	1.8	3.9	5.3	5.5	5.7	5.9	5.9
American Indian/Alaskan Native	8.6	9.7	12.4	17.5	18.8	18.8	21.5	21.2	0.4	0.4	0.4	0.6	0.6	0.6	0.7	0.6
Nonresident alien	73.4	100.8	131.4	156.9	162.5	167.7	168.7	190.4	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
4-year																
Total	7,106.5	7,565.4	8,578.6	8,769.3	8,804.2	8,896.8	9,017.7	9,198.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	5,999.0	6,274.5	6,768.1	6,517.2	6,483.1	6,496.1	6,537.5	6,592.2	86.6	85.7	82.0	77.6	76.9	76.3	75.8	75.2
Total minority	931.0	1,049.9	1,486.1	1,885.8	1,946.8	2,016.4	2,091.6	2,170.6	13.4	14.3	18.0	22.4	23.1	23.7	24.2	24.8
Black, non-Hispanic	603.7	634.3	722.8	852.2	869.6	896.4	927.6	962.0	8.7	8.7	8.8	10.1	10.3	10.5	10.7	11.0
Hispanic	173.6	216.6	358.2	485.5	508.8	530.0	552.9	581.5	2.5	3.0	4.3	5.8	6.0	6.2	6.4	6.6
Asian or Pacific Islander	118.7	162.1	357.2	482.4	501.1	518.5	538.5	553.9	1.7	2.2	4.3	5.7	5.9	6.1	6.2	6.3
American Indian/Alaskan Native	35.0	36.9	47.9	65.7	67.3	71.5	72.6	73.2	0.5	0.5	0.6	0.8	0.8	0.8	0.8	0.8
Nonresident alien	176.5	240.9	324.3	366.2	374.3	384.3	388.5	435.7	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Public	4,892.9	5,127.6	5,848.2	5,814.5	5,806.0	5,835.4	5,891.8	5,970.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	4,120.2	4,243.0	4,605.6	4,303.3	4,258.7	4,249.6	4,267.0	4,286.9	86.1	85.1	81.5	76.8	76.2	75.7	75.3	74.9
Total minority	666.7	740.8	1,046.2	1,299.3	1,332.3	1,365.5	1,400.7	1,433.8	13.9	14.9	18.5	23.2	23.8	24.3	24.7	25.1
Black, non-Hispanic	421.8	438.2	495.1	572.5	580.1	589.0	602.0	614.6	8.8	8.8	8.8	10.2	10.4	10.5	10.6	10.7
Hispanic	129.3	156.4	262.5	346.8	359.8	371.4	381.9	393.2	2.7	3.1	4.6	6.2	6.4	6.6	6.7	6.9
Asian or Pacific Islander	87.5	117.2	250.6	329.3	340.5	349.3	361.9	370.1	1.8	2.4	4.4	5.9	6.1	6.2	6.4	6.5
American Indian/Alaskan Native	28.2	29.0	38.0	50.8	52.0	55.7	54.8	55.7	0.6	0.6	0.7	0.9	0.9	1.0	1.0	1.0
Nonresident alien	106.0	143.8	196.4	211.9	215.0	220.4	224.1	249.3	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Private	2,213.6	2,437.8	2,730.3	2,954.7	2,998.2	3,061.3	3,125.8	3,228.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	1,878.8	2,031.5	2,162.5	2,213.9	2,224.4	2,246.5	2,270.5	2,305.3	87.7	86.8	83.1	79.1	78.4	77.5	76.7	75.8
Total minority	264.3	309.2	439.8	586.5	614.5	650.9	690.9	736.9	12.3	13.2	16.9	20.9	21.6	22.5	23.3	24.2
Black, non-Hispanic	182.0	196.1	227.7	279.7	289.5	307.4	325.5	347.4	8.5	8.4	8.7	10.0	10.2	10.6	11.0	11.4
Hispanic	44.3	60.2	95.7	138.7	149.0	158.6	171.0	188.2	2.1	2.6	3.7	5.0	5.2	5.5	5.8	6.2
Asian or Pacific Islander	31.2	44.9	106.6	153.2	160.7	169.2	176.6	183.8	1.5	1.9	4.1	5.5	5.7	5.8	6.0	6.0
American Indian/Alaskan Native	6.8	7.9	9.9	14.9	15.3	15.8	17.8	17.5	0.3	0.3	0.4	0.5	0.5	0.5	0.6	0.6
Nonresident alien	70.5	97.1	127.9	154.3	159.3	163.9	164.4	186.4	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
2-year																
Total	3,879.1	4,521.4	5,240.1	5,492.5	5,563.3	5,605.6	5,489.3	5,592.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	3,077.1	3,558.5	3,954.3	3,794.0	3,780.8	3,770.0	3,641.3	3,670.3	80.2	79.8	76.4	70.2	69.1	68.2	67.0	66.6
Total minority	759.8	898.9	1,218.6	1,610.4	1,690.6	1,754.8	1,793.0	1,841.7	19.8	20.2	23.6	29.8	30.9	31.8	33.0	33.4
Black, non-Hispanic	429.3	472.5	524.3	621.5	636.0	654.6	655.4	678.7	11.2	10.6	10.1	11.5	11.6	11.8	12.1	12.3
Hispanic	210.2	255.1	424.2	608.4	657.3	688.5	704.2	735.2	5.5	5.7	8.2	11.3	12.0	12.5	13.0	13.3
Asian or Pacific Islander	79.2	124.3	215.2	314.9	327.0	340.7	361.9	355.7	2.1	2.8	4.2	5.8	6.0	6.2	6.7	6.5
American Indian/Alaskan Native	41.2	47.0	54.9	65.6	70.2	71.0	71.5	72.1	1.1	1.1	1.1	1.2	1.3	1.3	1.3	1.3
Nonresident alien	42.2	64.1	67.1	88.1	92.0	80.7	55.0	80.7	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Public	3,748.1	4,328.8	4,996.5	5,277.8	5,314.5	5,360.7	5,246.0	5,339.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	2,974.3	3,413.1	3,779.8	3,642.1	3,613.2	3,608.3	3,483.6	3,507.9	80.2	80.0	76.6	70.1	69.1	68.3	67.1	66.7
Total minority	734.5	855.4	1,153.0	1,550.2	1,612.5	1,675.5	1,711.6	1,754.9	19.8	20.0	23.4	29.9	30.9	31.7	32.9	33.3
Black, non-Hispanic	409.5	437.9	481.4	588.2	597.4	616.2	616.7	637.7	11.0	10.3	9.8	11.3	11.4	11.7	11.9	12.1
Hispanic	207.5	249.8	408.9	590.3	631.0	660.2	675.9	704.5	5.6	5.9	8.3	11.4	12.1	12.5	13.0	13.4
Asian or Pacific Islander	78.2	122.5	210.3	308.7	317.5	331.1	351.3	344.3	2.1	2.9	4.3	5.9	6.1	6.3	6.8	6.5
American Indian/Alaskan Native	39.3	45.2	52.4	63.0	66.7	67.9	67.8	68.4	1.1	1.1	1.1	1.2	1.3	1.3	1.3	1.3
Nonresident alien	39.2	60.3	63.6	85.6	88.8	77.0	50.8	76.7	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Private	131.0	192.6	243.6	214.7	248.9	244.9	243.4	253.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	102.8	145.4	174.5	152.0	167.6	161.8	157.8	162.5	80.3	77.0	72.7	71.6	68.2	67.1	66.0	65.2
Total minority	25.3	43.5	65.6	60.2	78.1	79.3	81.4	86.8	19.7	23.0	27.3	28.4	31.8	32.9	34.0	34.8
Black, non-Hispanic	19.8	34.6	42.9	33.3	38.6	38.4	38.6	41.0	15.5	18.3	17.9	15.7	15.7	15.9	16.2	16.4
Hispanic	2.6	5.3	15.3	18.1	26.4	28.3	28.3	30.6	2.1	2.8	6.4	8.5	10.7	11.7	11.8	12.3
Asian or Pacific Islander	0.9	1.8	4.9	6.2	9.6	9.6	10.7	11.5	0.7	1.0	2.0	2.9	3.9	4.0	4.5	4.6
American Indian/Alaskan Native	1.8	1.8	2.5	2.6	3.5	3.0	3.7	3.7	1.4	1.0	1.1	1.2	1.4	1.3	1.6	1.5
Nonresident alien	3.0	3.7	3.5	2.6	3.2	3.8	4.2	4.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

[3] Distribution for U.S. citizens only.

[4] Not applicable.

NOTE: Because of underreporting and nonreporting of racial/ethnic data, some figures are slightly lower than corresponding data in other tables. Data for 1990 revised from previously published figures. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared April 2001.)

Table 208.—Total fall enrollment in degree-granting institutions, by level of study, sex, and race/ethnicity of student: 1976 to 1999

Level of study, sex, and race/ethnicity of student	Institutions of higher education, in thousands [1]				Degree-granting institutions, in thousands [2]				Percentage distribution of students [3]							
									Institutions of higher education [1]				Degree-granting institutions [2]			
	1976	1980	1990	1995	1996	1997	1998	1999	1976	1980	1990	1995	1996	1997	1998	1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
All students																
Total	10,985.6	12,086.8	13,818.6	14,261.8	14,367.5	14,502.3	14,507.0	14,791.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	9,076.1	9,833.0	10,722.5	10,311.2	10,263.9	10,266.1	10,178.8	10,262.5	84.3	83.5	79.9	74.7	73.8	73.1	72.4	71.9
Total minority	1,690.8	1,948.8	2,704.7	3,496.2	3,637.4	3,771.2	3,884.7	4,012.3	15.7	16.5	20.1	25.3	26.2	26.9	27.6	28.1
Black, non-Hispanic	1,033.0	1,106.8	1,247.0	1,473.7	1,505.6	1,551.0	1,582.9	1,640.7	9.6	9.4	9.3	10.7	10.8	11.0	11.3	11.5
Hispanic	383.8	471.7	782.4	1,093.8	1,166.1	1,218.5	1,257.1	1,316.6	3.6	4.0	5.8	7.9	8.4	8.7	8.9	9.2
Asian or Pacific Islander	197.9	286.4	572.4	797.4	828.2	859.2	900.5	909.7	1.8	2.4	4.3	5.8	6.0	6.1	6.4	6.4
American Indian/Alaskan Native	76.1	83.9	102.8	131.3	137.6	142.5	144.2	145.3	0.7	0.7	0.8	1.0	1.0	1.0	1.0	1.0
Nonresident alien	218.7	305.0	391.5	454.4	466.3	465.0	443.5	516.4	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Men	5,794.4	5,868.1	6,283.9	6,342.5	6,352.8	6,396.0	6,369.3	6,490.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	4,813.7	4,772.9	4,861.0	4,594.1	4,552.2	4,548.8	4,499.4	4,539.9	85.3	84.4	80.5	75.6	74.8	74.2	73.6	73.2
Total minority	826.6	884.4	1,176.6	1,484.2	1,533.4	1,582.3	1,615.2	1,659.1	14.7	15.6	19.5	24.4	25.2	25.8	26.4	26.8
Black, non-Hispanic	469.9	463.7	484.7	555.9	564.1	579.8	584.0	603.0	8.3	8.2	8.0	9.1	9.3	9.5	9.6	9.7
Hispanic	209.7	231.6	353.9	480.2	506.6	525.8	538.6	562.3	3.7	4.1	5.9	7.9	8.3	8.6	8.8	9.1
Asian or Pacific Islander	108.4	151.3	294.9	393.3	405.5	417.7	433.6	435.3	1.9	2.7	4.9	6.5	6.7	6.8	7.1	7.0
American Indian/Alaskan Native	38.5	37.8	43.1	54.8	57.2	59.0	59.0	58.5	0.7	0.7	0.7	0.9	0.9	1.0	1.0	0.9
Nonresident alien	154.1	210.8	246.3	264.3	267.2	264.9	254.6	291.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Women	5,191.2	6,218.7	7,534.7	7,919.2	8,014.7	8,106.3	8,137.7	8,300.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	4,262.4	5,060.1	5,861.5	5,717.2	5,711.7	5,717.4	5,679.4	5,722.6	83.1	82.6	79.3	74.0	73.1	72.3	71.4	70.9
Total minority	864.2	1,064.4	1,528.1	2,012.0	2,104.0	2,188.9	2,269.4	2,353.2	16.9	17.4	20.7	26.0	26.9	27.7	28.6	29.1
Black, non-Hispanic	563.1	643.0	762.3	917.8	941.4	971.3	999.0	1,037.7	11.0	10.5	10.3	11.9	12.0	12.3	12.6	12.8
Hispanic	174.1	240.1	428.5	613.7	659.5	692.7	718.5	754.4	3.4	3.9	5.8	7.9	8.4	8.8	9.0	9.3
Asian or Pacific Islander	89.4	135.2	277.5	404.1	422.6	441.5	466.9	474.4	1.7	2.2	3.8	5.2	5.4	5.6	5.9	5.9
American Indian/Alaskan Native	37.6	46.1	59.7	76.5	80.4	83.4	85.1	86.8	0.7	0.8	0.8	1.0	1.0	1.1	1.1	1.1
Nonresident alien	64.6	94.2	145.2	190.1	199.0	200.1	188.9	224.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Full-time	6,703.6	7,088.9	7,821.0	8,128.8	8,303.0	8,438.1	8,563.3	8,786.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	5,512.6	5,717.0	6,016.5	5,833.8	5,906.1	5,960.1	6,022.8	6,133.9	84.2	83.4	79.9	74.9	74.3	73.8	73.3	73.1
Total minority	1,030.9	1,137.5	1,514.9	1,955.3	2,046.8	2,118.7	2,193.6	2,257.5	15.8	16.6	20.1	25.1	25.7	26.2	26.7	26.9
Black, non-Hispanic	659.2	685.6	718.3	840.4	871.9	896.6	917.5	946.4	10.1	10.0	9.5	10.8	11.0	11.1	11.2	11.3
Hispanic	211.1	247.0	394.7	553.2	588.8	614.0	636.3	666.7	3.2	3.6	5.2	7.1	7.4	7.6	7.7	7.9
Asian or Pacific Islander	117.7	162.0	347.4	488.7	508.5	526.6	557.0	561.4	1.8	2.4	4.6	6.3	6.4	6.5	6.8	6.7
American Indian/Alaskan Native	43.0	43.0	54.4	73.0	77.5	81.5	82.8	83.1	0.7	0.6	0.7	0.9	1.0	1.0	1.0	1.0
Nonresident alien	160.0	234.4	289.6	339.7	350.1	359.2	347.0	395.1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Part-time	4,282.1	4,997.9	5,997.7	6,133.0	6,064.6	6,064.3	5,943.6	6,004.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	3,563.5	4,116.0	4,706.0	4,477.4	4,357.8	4,306.0	4,156.0	4,128.6	84.4	83.5	79.8	74.4	73.3	72.3	71.1	70.2
Total minority	659.9	811.3	1,189.8	1,540.9	1,590.6	1,652.5	1,691.1	1,754.8	15.6	16.5	20.2	25.6	26.7	27.7	28.9	29.8
Black, non-Hispanic	373.8	421.2	528.7	633.3	633.6	654.5	665.4	694.3	8.9	8.5	9.0	10.5	10.7	11.0	11.4	11.8
Hispanic	172.7	224.8	387.7	540.7	577.3	604.5	620.8	649.9	4.1	4.6	6.6	9.0	9.7	10.1	10.6	11.0
Asian or Pacific Islander	80.2	124.4	225.1	308.6	319.6	332.6	343.5	348.3	1.9	2.5	3.8	5.1	5.4	5.6	5.9	5.9
American Indian/Alaskan Native	33.1	40.9	48.4	58.3	60.0	61.0	61.3	62.2	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.1
Nonresident alien	58.7	70.6	101.8	114.7	116.2	105.8	96.5	121.4	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Undergraduate																
Total	9,419.0	10,469.1	11,959.1	12,231.7	12,326.9	12,450.6	12,436.9	12,681.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	7,740.5	8,480.7	9,272.6	8,805.6	8,769.5	8,783.9	8,703.6	8,796.7	83.4	82.7	79.0	73.6	72.8	72.1	71.4	71.0
Total minority	1,535.3	1,778.5	2,467.7	3,156.5	3,282.1	3,398.5	3,492.1	3,600.4	16.6	17.3	21.0	26.4	27.2	27.9	28.6	29.0
Black, non-Hispanic	943.4	1,018.8	1,147.2	1,333.6	1,358.6	1,398.1	1,421.7	1,470.5	10.2	9.9	9.8	11.1	11.3	11.5	11.7	11.9
Hispanic	352.9	433.1	724.6	1,012.0	1,079.4	1,125.9	1,159.8	1,212.3	3.8	4.2	6.2	8.5	9.0	9.2	9.5	9.8
Asian or Pacific Islander	169.3	248.7	500.5	692.2	717.6	743.7	778.3	784.3	1.8	2.4	4.3	5.8	6.0	6.1	6.4	6.3
American Indian/Alaskan Native	69.7	77.9	95.5	120.7	126.5	130.8	132.2	133.3	0.8	0.8	0.8	1.0	1.0	1.1	1.1	1.1
Nonresident alien	143.2	209.9	218.7	267.6	275.3	268.2	241.3	284.2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Men	4,896.8	4,997.4	5,379.8	5,401.1	5,420.7	5,468.5	5,446.1	5,559.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	4,052.2	4,054.9	4,184.4	3,918.1	3,890.8	3,899.3	3,861.8	3,914.9	84.4	83.5	79.6	74.5	73.8	73.2	72.6	72.4
Total minority	748.2	802.7	1,069.3	1,339.3	1,384.1	1,427.9	1,455.5	1,495.6	15.6	16.5	20.4	25.5	26.2	26.8	27.4	27.6
Black, non-Hispanic	430.7	428.2	448.0	506.8	513.6	527.7	530.2	547.8	9.0	8.8	8.5	9.6	9.7	9.9	10.0	10.1
Hispanic	191.7	211.2	326.9	444.2	469.2	486.7	498.2	519.8	4.0	4.3	6.2	8.4	8.9	9.1	9.4	9.6
Asian or Pacific Islander	91.1	128.5	254.5	338.1	348.8	359.4	373.0	374.1	1.9	2.6	4.8	6.4	6.6	6.7	7.0	6.9
American Indian/Alaskan Native	34.8	34.8	39.9	50.2	52.4	54.1	54.2	53.9	0.7	0.7	0.8	1.0	1.0	1.0	1.0	1.0
Nonresident alien	96.4	139.8	126.1	143.8	145.8	141.4	128.8	149.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Women	4,522.1	5,471.7	6,579.3	6,830.6	6,906.3	6,982.1	6,990.8	7,121.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	3,688.3	4,425.8	5,088.2	4,887.5	4,878.7	4,884.6	4,841.8	4,881.7	82.4	81.9	78.4	72.9	72.0	71.3	70.4	69.9
Total minority	787.0	975.8	1,398.5	1,819.2	1,898.1	1,970.6	2,036.5	2,104.9	17.6	18.1	21.6	27.1	28.0	28.7	29.6	30.1
Black, non-Hispanic	512.7	590.6	699.2	826.9	845.0	870.3	891.5	922.7	11.5	10.9	10.8	12.3	12.5	12.7	13.0	13.2
Hispanic	161.2	221.8	397.6	567.8	610.1	639.3	661.6	692.5	3.6	4.1	6.1	8.5	9.0	9.3	9.6	9.9
Asian or Pacific Islander	78.2	120.2	246.0	354.1	368.8	384.4	405.3	410.2	1.7	2.2	3.8	5.3	5.4	5.6	5.9	5.9
American Indian/Alaskan Native	34.9	43.1	55.5	70.5	74.1	76.7	78.1	79.4	0.8	0.8	0.9	1.1	1.1	1.1	1.1	1.1
Nonresident alien	46.8	70.1	92.6	123.8	129.5	126.8	112.5	135.2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)

Table 208.—Total fall enrollment in degree-granting institutions, by level of study, sex, and race/ethnicity of student: 1976 to 1999—Continued

Level of study, sex, and race/ethnicity of student	Institutions of higher education, in thousands[1]				Degree-granting institutions, in thousands[2]				Percentage distribution of students[3]							
									Institutions of higher education[1]				Degree-granting institutions[2]			
	1976	1980	1990	1995	1996	1997	1998	1999	1976	1980	1990	1995	1996	1997	1998	1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Graduate																
Total	1,322.5	1,340.9	1,586.2	1,732.5	1,742.3	1,753.5	1,767.6	1,806.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	1,115.6	1,104.7	1228.4	1,282.3	1,272.6	1,261.8	1,254.3	1,246.2	89.2	88.5	86.6	82.6	81.6	80.7	79.8	78.7
Total minority	134.5	144.0	190.5	270.7	286.3	302.3	318.5	336.4	10.8	11.5	13.4	17.4	18.4	19.3	20.2	21.3
Black, non-Hispanic	78.5	75.1	83.9	118.6	125.5	131.6	138.7	147.8	6.3	6.0	5.9	7.6	8.0	8.4	8.8	9.3
Hispanic	26.4	32.1	47.2	68.0	72.8	78.7	82.9	89.6	2.1	2.6	3.3	4.4	4.7	5.0	5.3	5.7
Asian or Pacific Islander	24.5	31.6	53.2	75.6	79.1	82.6	87.0	89.2	2.0	2.5	3.8	4.9	5.1	5.3	5.5	5.6
American Indian/Alaskan Native	5.1	5.2	6.2	8.5	8.9	9.4	9.8	9.9	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.6
Nonresident alien	72.4	92.2	167.3	179.5	183.3	189.4	194.8	224.2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Men	707.9	672.2	737.4	767.5	759.4	757.9	754.3	766.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	589.1	538.5	538.8	541.6	529.0	520.4	510.4	501.1	90.2	89.2	86.8	83.1	82.3	81.4	80.6	79.7
Total minority	63.7	65.0	82.1	110.4	114.0	118.8	122.8	127.3	9.8	10.8	13.2	16.9	17.7	18.6	19.4	20.3
Black, non-Hispanic	32.0	28.2	29.3	39.8	41.2	42.8	44.2	46.1	4.9	4.7	4.7	6.1	6.4	6.7	7.0	7.3
Hispanic	14.6	15.7	20.6	28.2	29.6	31.5	32.6	34.7	2.2	2.6	3.3	4.3	4.6	4.9	5.1	5.5
Asian or Pacific Islander	14.4	18.6	29.7	39.0	39.7	40.7	42.3	42.8	2.2	3.1	4.8	6.0	6.2	6.4	6.7	6.8
American Indian/Alaskan Native	2.7	2.5	2.6	3.4	3.6	3.7	3.7	3.6	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.6
Nonresident alien	55.1	68.7	116.4	115.6	116.4	118.7	121.1	137.7	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Women	614.6	668.7	848.8	965.0	982.8	995.6	1,013.3	1,040.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	526.5	566.2	689.5	740.7	743.6	741.4	743.9	745.0	88.1	87.8	86.4	82.2	81.2	80.2	79.2	78.1
Total minority	70.8	79.0	108.3	160.3	172.3	183.5	195.6	209.1	11.9	12.2	13.6	17.8	18.8	19.8	20.8	21.9
Black, non-Hispanic	46.5	46.9	54.6	78.8	84.3	88.8	94.5	101.6	7.8	7.3	6.8	8.7	9.2	9.6	10.1	10.7
Hispanic	11.8	16.4	26.6	39.9	43.2	47.2	50.4	54.9	2.0	2.5	3.3	4.4	4.7	5.1	5.4	5.8
Asian or Pacific Islander	10.1	13.0	23.6	36.6	39.4	41.8	44.8	46.4	1.7	2.0	3.0	4.1	4.3	4.5	4.8	4.9
American Indian/Alaskan Native	2.4	2.7	3.6	5.0	5.3	5.7	6.0	6.3	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.7
Nonresident alien	17.3	23.5	50.9	63.9	66.9	70.7	73.7	86.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
First-professional																
Total	244.1	276.8	273.4	297.6	298.3	298.3	302.5	303.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	220.0	247.7	221.5	223.3	221.7	220.4	220.9	219.7	91.3	90.4	82.6	76.9	76.3	75.8	74.9	74.4
Total minority	21.1	26.3	46.5	67.0	69.0	70.4	74.1	75.5	8.7	9.6	17.4	23.1	23.7	24.2	25.1	25.6
Black, non-Hispanic	11.2	12.8	15.9	21.4	21.5	21.4	22.5	22.5	4.6	4.7	5.9	7.4	7.4	7.3	7.6	7.6
Hispanic	4.5	6.5	10.7	13.8	13.9	13.9	14.4	14.7	1.9	2.4	4.0	4.8	4.8	4.8	4.9	5.0
Asian or Pacific Islander	4.1	6.1	18.7	29.6	31.4	32.9	35.1	36.2	1.7	2.2	7.0	10.2	10.8	11.3	11.9	12.3
American Indian/Alaskan Native	1.3	0.8	1.1	2.1	2.2	2.3	2.2	2.1	0.5	0.3	0.4	0.7	0.7	0.8	0.7	0.7
Nonresident alien	3.1	2.9	5.4	7.3	7.6	7.5	7.4	8.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Men	189.6	198.5	166.8	173.9	172.7	169.6	168.8	165.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	172.4	179.5	137.8	134.4	132.3	129.1	127.2	123.9	92.1	91.5	84.5	79.5	78.9	78.3	77.5	77.4
Total minority	14.7	16.7	25.3	34.6	35.4	35.7	36.9	36.3	7.9	8.5	15.5	20.5	21.1	21.7	22.5	22.6
Black, non-Hispanic	7.2	7.4	7.4	9.4	9.4	9.2	9.5	9.1	3.9	3.8	4.5	5.5	5.6	5.6	5.8	5.7
Hispanic	3.5	4.6	6.4	7.8	7.7	7.6	7.8	7.7	1.9	2.4	3.9	4.6	4.6	4.6	4.8	4.8
Asian or Pacific Islander	2.9	4.1	10.8	16.2	17.1	17.6	18.4	18.4	1.6	2.1	6.6	9.6	10.2	10.7	11.2	11.5
American Indian/Alaskan Native	1.0	0.5	0.6	1.2	1.2	1.2	1.1	1.1	0.6	0.3	0.4	0.7	0.7	0.7	0.7	0.7
Nonresident alien	2.5	2.3	3.8	4.9	5.1	4.9	4.8	5.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Women	54.5	78.4	106.6	123.7	125.6	128.6	133.6	138.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	47.6	68.1	83.7	88.9	89.4	91.3	93.7	95.8	88.2	87.6	79.7	73.3	72.7	72.5	71.6	71.0
Total minority	6.4	9.6	21.3	32.4	33.6	34.7	37.3	39.2	11.8	12.4	20.3	26.7	27.3	27.5	28.4	29.0
Black, non-Hispanic	3.9	5.5	8.5	12.1	12.1	12.1	12.9	13.4	7.3	7.0	8.1	10.0	9.8	9.6	9.9	9.9
Hispanic	1.0	1.9	4.3	6.0	6.2	6.2	6.5	7.0	1.9	2.4	4.1	5.0	5.0	4.9	5.0	5.2
Asian or Pacific Islander	1.1	2.0	7.9	13.4	14.4	15.3	16.8	17.9	2.1	2.6	7.6	11.0	11.7	12.1	12.8	13.2
American Indian/Alaskan Native	0.2	0.3	0.5	0.9	1.0	1.1	1.0	1.0	0.4	0.3	0.5	0.8	0.8	0.8	0.8	0.8
Nonresident alien	0.5	0.6	1.6	2.4	2.6	2.6	2.6	3.1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Data are for 4-year and 2-year degree-granting higher education institutions that participated in Title IV federal financial aid programs.

[3] Distribution for U.S. citizens only.

[4] Not applicable.

NOTE: Because of underreporting and nonreporting of racial/ethnic data, some figures are slightly lower than corresponding data in other tables. Data for 1998 revised from previously published figures. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared April 2001.)

Table 209.—Total fall enrollment in degree-granting institutions, by level, attendance status, sex, and race/ethnicity of student: 1998 and 1999

Level and enrollment status	1999											Percent minority, fall 1998
	Total	Enrollment, by sex		Enrollment, by race/ethnicity[1]							Non-resident alien	
		Male	Female	White	Total, minority	Percent minority	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/ Alaskan Native		
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	**14,791,224**	**6,490,646**	**8,300,578**	**10,262,485**	**4,012,301**	**28.1**	**1,640,746**	**1,316,616**	**909,658**	**145,281**	**516,438**	**27.6**
Undergraduate, full-time and part-time	12,681,231	5,559,457	7,121,774	8,796,657	3,600,417	29.0	1,470,509	1,212,341	784,268	133,299	284,157	28.6
Degree seeking	10,967,780	4,823,390	6,144,390	7,608,045	3,114,238	29.0	1,314,748	1,025,570	661,406	112,514	245,497	28.4
Percent of undergraduates seeking degrees	86.5	86.8	86.3	86.5	86.5	(2)	89.4	84.6	84.3	84.4	86.4	(2)
First-time freshmen	2,351,932	1,091,802	1,260,130	1,641,983	667,976	28.9	289,167	221,019	132,996	24,794	41,973	28.2
Other first-year	2,421,214	1,050,187	1,371,027	1,514,205	859,565	36.2	358,811	315,793	156,327	28,634	47,444	34.5
Second year	2,854,278	1,204,473	1,649,805	2,018,430	780,229	27.9	334,445	259,520	154,967	31,297	55,619	28.4
Third year	1,460,326	643,706	816,620	1,061,895	356,637	25.1	148,574	102,937	93,209	11,917	41,794	24.7
Fourth year and beyond	1,782,764	793,179	989,585	1,298,415	429,723	24.9	172,372	121,384	120,893	15,074	54,626	24.4
Unclassified by level	97,266	40,043	57,223	73,117	20,108	21.6	11,379	4,917	3,014	798	4,041	21.1
Others in credit courses	1,713,451	736,067	977,384	1,188,612	486,179	29.0	155,761	186,771	122,862	20,785	38,660	30.0
Full-time	7,735,075	3,515,869	4,219,206	5,466,389	2,045,531	27.2	870,597	616,501	481,667	76,766	223,155	27.1
Degree seeking	7,415,415	3,368,868	4,046,547	5,265,701	1,945,544	27.0	836,594	579,286	457,266	72,398	204,170	26.8
First-time freshmen	1,845,407	863,377	982,030	1,321,406	487,219	26.9	218,336	147,126	103,631	18,126	36,782	26.8
Other first-year	1,197,491	550,357	647,134	759,694	401,511	34.6	182,130	132,075	72,589	14,717	36,286	33.7
Second year	1,807,686	805,204	1,002,482	1,305,539	455,564	25.9	195,476	136,170	105,264	18,654	46,583	26.3
Third year	1,204,771	542,585	662,186	883,875	282,730	24.2	114,511	78,230	80,445	9,544	38,166	23.9
Fourth year and beyond	1,332,644	596,000	736,644	977,224	311,117	24.1	121,238	84,396	94,397	11,086	44,303	23.9
Unclassified by level	27,416	11,345	16,071	17,963	7,403	29.2	4,903	1,289	940	271	2,050	29.6
Others in credit courses	319,660	147,001	172,659	200,688	99,987	33.3	34,003	37,215	24,401	4,368	18,985	35.0
Part-time	4,946,156	2,043,588	2,902,568	3,330,268	1,554,886	31.8	599,912	595,840	302,601	56,533	61,002	30.9
Degree seeking	3,552,365	1,454,522	2,097,843	2,342,344	1,168,694	33.3	478,154	446,284	204,140	40,116	41,327	31.8
First-time freshmen	506,525	228,425	278,100	320,577	180,757	36.1	70,831	73,893	29,365	6,668	5,191	33.9
Other first-year	1,223,723	499,830	723,893	754,511	458,054	37.8	176,681	183,718	83,738	13,917	11,158	35.2
Second year	1,046,592	399,269	647,323	712,891	324,665	31.3	138,969	123,350	49,703	12,643	9,036	31.7
Third year	255,555	101,121	154,434	178,020	73,907	29.3	34,063	24,707	12,764	2,373	3,628	28.1
Fourth year and beyond	450,120	197,179	252,941	321,191	118,606	27.0	51,134	36,988	26,496	3,988	10,323	26.1
Unclassified by level	69,850	28,698	41,152	55,154	12,705	18.7	6,476	3,628	2,074	527	1,991	17.9
Others in credit courses	1,393,791	589,066	804,725	987,924	386,192	28.1	121,758	149,556	98,461	16,417	19,675	28.9
Postbaccalaureate	2,109,993	931,189	1,178,804	1,465,828	411,884	21.9	170,237	104,275	125,390	11,982	232,281	21.0
First-professional	303,190	165,134	138,056	219,677	75,475	25.6	22,469	14,682	36,226	2,098	8,038	25.1
First-time	88,911	47,379	41,532	64,137	22,005	25.5	6,703	4,569	10,131	602	2,769	25.7
Other	214,279	117,755	96,524	155,540	53,470	25.6	15,766	10,113	26,095	1,496	5,269	24.9
Full-time	270,581	146,613	123,968	195,032	68,158	25.9	18,906	13,086	34,288	1,878	7,391	25.4
First-time	79,089	41,902	37,187	56,812	19,678	25.7	5,483	4,046	9,613	536	2,599	25.8
Other	191,492	104,711	86,781	138,220	48,480	26.0	13,423	9,040	24,675	1,342	4,792	25.2
Part-time	32,609	18,521	14,088	24,645	7,317	22.9	3,563	1,596	1,938	220	647	23.1
First-time	9,822	5,477	4,345	7,325	2,327	24.1	1,220	523	518	66	170	25.0
Other	22,787	13,044	9,743	17,320	4,990	22.4	2,343	1,073	1,420	154	477	22.4
Graduate students	1,806,803	766,055	1,040,748	1,246,151	336,409	21.3	147,768	89,593	89,164	9,884	224,243	20.2
Degree seeking	1,525,038	669,092	855,946	1,036,236	276,410	21.1	122,982	70,603	74,692	8,133	212,392	19.9
Percent of graduate students seeking degrees	84.4	87.3	82.2	83.2	82.2	(2)	83.2	78.8	83.8	82.3	94.7	(2)
First-time	405,265	175,481	229,784	262,272	76,576	22.6	33,209	19,292	21,775	2,300	66,417	21.7
Other degree seeking	1,119,773	493,611	626,162	773,964	199,834	20.5	89,773	51,311	52,917	5,833	145,975	19.4
Others in credit courses	281,765	96,963	184,802	209,915	59,999	22.2	24,786	18,990	14,472	1,751	11,851	21.7
Full-time	780,838	363,239	417,599	472,508	143,825	23.3	56,910	37,096	45,405	4,414	164,505	22.2
Degree seeking	733,963	344,428	389,535	443,497	130,204	22.7	53,273	32,459	40,448	4,024	160,262	21.5
First-time	243,171	111,775	131,396	144,396	42,351	22.7	16,475	10,395	14,190	1,291	56,424	21.7
Other degree seeking	490,792	232,653	258,139	299,101	87,853	22.7	36,798	22,064	26,258	2,733	103,838	21.5
Others in credit courses	46,875	18,811	28,064	29,011	13,621	32.0	3,637	4,637	4,957	390	4,243	30.6
Part-time	1,025,965	402,816	623,149	773,643	192,584	19.9	90,858	52,497	43,759	5,470	59,738	19.0
Degree seeking	791,075	324,664	466,411	592,739	146,206	19.8	69,709	38,144	34,244	4,109	52,130	18.7
First-time	162,094	63,706	98,388	117,876	34,225	22.5	16,734	8,897	7,585	1,009	9,993	21.7
Other degree seeking	628,981	260,958	368,023	474,863	111,981	19.1	52,975	29,247	26,659	3,100	42,137	18.0
Others in credit courses	234,890	78,152	156,738	180,904	46,378	20.4	21,149	14,353	9,515	1,361	7,608	20.0

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[1] Only U.S. citizens are classified by race/ethnicity.

[2] Not applicable.

NOTE: Data are for 4-year and 2-year degree-granting institutions that participated in Title IV federal financial aid programs. Data imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared March 2001.)

Table 210.—Total number of institutions and fall enrollment in degree-granting institutions, by percentage of minority enrollment: 1999

Minority percentage of U.S. citizen enrollment	Total enrollment	Public institutions					Private not-for-profit and for-profit institutions					Private not-for-profit institutions only				
		Total	4-year institutions			2-year	Total	4-year institutions			2-year	Total	4-year institutions			2-year
			Total	University	Other 4-year			Total	University	Other 4-year			Total	University	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
All institutions																
Number of institutions	3,958	1,646	609	94	515	1,037	2,312	1,690	62	1,628	622	1,638	1,494	62	1,432	144
Total enrollment	14,791,224	11,309,399	5,969,950	2,266,494	3,703,456	5,339,449	3,481,825	3,228,575	777,875	2,450,700	253,250	3,051,626	2,989,285	777,875	2,211,410	62,341
U.S. citizens	14,274,786	10,983,383	5,720,616	2,132,518	3,588,098	5,262,767	3,291,403	3,042,175	695,246	2,346,929	249,228	2,871,660	2,810,649	695,246	2,115,403	61,011
Minority	4,012,301	3,188,643	1,433,752	410,844	1,022,908	1,754,891	823,658	736,889	183,876	553,013	86,769	662,373	644,241	183,876	460,365	18,132
90.0 percent or more minority enrollment																
Number of institutions	151	61	30	0	30	31	90	67	1	66	23	72	62	1	61	10
Total enrollment	353,437	260,153	149,384	0	149,384	110,769	93,284	81,604	9,108	72,496	11,680	77,653	74,345	9,108	65,237	3,308
U.S. citizens	346,936	256,295	146,622	0	146,622	109,673	90,641	79,061	9,108	69,953	11,580	75,615	72,331	9,108	63,223	3,284
Minority	331,969	243,553	137,886	0	137,886	105,667	88,416	77,564	8,979	68,585	10,852	74,321	71,200	8,979	62,221	3,121
75.0 to 89.9 percent minority enrollment																
Number of institutions	123	67	22	0	22	45	56	25	0	25	31	23	17	0	17	6
Total enrollment	550,291	496,129	153,456	0	153,456	342,673	54,162	40,953	0	40,953	13,209	31,841	29,978	0	29,978	1,863
U.S. citizens	530,975	478,610	145,659	0	145,659	332,951	52,365	39,547	0	39,547	12,818	31,014	29,176	0	29,176	1,838
Minority	438,846	396,175	118,381	0	118,381	277,794	42,671	32,174	0	32,174	10,497	25,145	23,623	0	23,623	1,522
50.0 to 74.9 percent minority enrollment																
Number of institutions	322	133	31	4	27	102	189	81	0	81	108	71	45	0	45	26
Total enrollment	1,460,910	1,271,557	484,142	117,961	366,181	787,415	189,353	143,027	0	143,027	46,326	95,607	85,722	0	85,722	9,885
U.S. citizens	1,408,086	1,228,790	456,031	109,347	346,684	772,759	179,296	134,027	0	134,027	45,269	88,328	78,545	0	78,545	9,783
Minority	850,907	742,370	271,511	63,295	208,216	470,859	108,537	80,858	0	80,858	27,679	54,621	48,441	0	48,441	6,180
25.0 to 49.9 percent minority enrollment																
Number of institutions	882	385	109	13	96	276	497	342	29	313	155	293	262	29	233	31
Total enrollment	3,913,600	2,889,431	1,209,798	362,757	847,041	1,679,633	1,024,169	960,077	392,493	567,584	64,092	863,772	853,491	392,493	460,998	10,281
U.S. citizens	3,743,864	2,802,046	1,150,449	336,350	814,099	1,651,597	941,818	878,694	343,391	535,303	63,124	785,002	775,012	343,391	431,621	9,990
Minority	1,302,684	982,697	397,264	109,914	287,350	585,433	319,987	296,393	114,649	181,744	23,594	263,840	260,245	114,649	145,596	3,595
10.0 to 24.9 percent minority enrollment																
Number of institutions	1,318	538	229	52	177	309	780	617	29	588	163	600	563	29	534	37
Total enrollment	5,634,356	4,295,178	2,688,625	1,364,856	1,323,769	1,606,553	1,339,178	1,270,839	328,975	941,864	68,339	1,234,829	1,218,018	328,975	889,043	16,811
U.S. citizens	5,423,418	4,157,188	2,569,853	1,282,813	1,287,040	1,587,335	1,266,230	1,198,745	297,433	901,312	67,485	1,164,158	1,147,673	297,433	850,240	16,485
Minority	914,260	697,220	428,559	208,919	219,640	268,661	217,040	205,370	57,329	148,041	11,670	199,226	196,483	57,329	139,154	2,743
Less than 10.0 percent minority enrollment																
Number of institutions	1,162	462	188	25	163	274	700	558	3	555	142	579	545	3	542	34
Total enrollment	2,878,630	2,096,951	1,284,545	420,920	863,625	812,406	781,679	732,075	47,299	684,776	49,604	747,924	727,731	47,299	680,432	20,193
U.S. citizens	2,821,507	2,060,454	1,252,002	404,008	847,994	808,452	761,053	712,101	45,314	666,787	48,952	727,543	707,912	45,314	662,598	19,631
Minority	173,635	126,628	80,151	28,716	51,435	46,477	47,007	44,530	2,919	41,611	2,477	45,220	44,249	2,919	41,330	971

NOTE: Minority students includes black, Hispanic, Asian or Pacific Islander, and American Indian/Alaskan Native students. Some institutions do not report separate enrollment data for each branch campus. For this reason, counts of institutions in this table are somewhat lower than figures appearing in other tables. Includes data for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs. Data imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey. (This table was prepared July 2001.)

Table 211.—Total fall enrollment in degree-granting institutions, by race/ethnicity of student and by state: 1994 to 1999

State or other area	1999								Percent minority				
	Total	White, non-Hispanic	Minority enrollment, by race/ethnicity					Nonresident alien	1994	1996	1997	1998	1999
			Total	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native						
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States	**14,791,224**	**10,262,485**	**4,012,301**	**1,640,746**	**1,316,616**	**909,658**	**145,281**	**516,438**	**24.6**	**26.2**	**26.9**	**27.6**	**28.1**
Alabama	223,144	153,178	64,824	58,412	2,112	2,674	1,626	5,142	25.5	27.0	27.8	28.6	29.7
Alaska	26,948	20,037	5,926	964	807	985	3,170	985	18.7	19.4	21.7	21.9	22.8
Arizona	326,159	227,423	90,473	12,908	53,042	11,345	13,178	8,263	24.0	26.0	26.7	27.6	28.5
Arkansas	115,092	90,634	21,854	17,975	1,293	1,487	1,099	2,604	17.1	18.3	19.3	19.9	19.4
California	2,017,483	958,920	989,384	153,159	445,329	369,216	21,680	69,179	46.3	48.8	49.3	50.5	50.8
Colorado	261,744	204,991	48,383	9,859	25,678	9,311	3,535	8,370	16.9	18.3	18.6	19.0	19.1
Connecticut	156,907	120,276	30,002	13,421	9,664	6,273	644	6,629	16.3	17.6	18.3	19.1	20.0
Delaware	46,613	35,518	9,854	7,371	1,150	1,142	191	1,241	18.0	19.4	20.4	21.0	21.7
District of Columbia	72,118	34,720	29,385	21,363	3,204	4,622	196	8,013	45.4	45.7	44.5	46.2	45.8
Florida	684,745	422,597	237,018	104,726	107,123	22,186	2,983	25,130	29.5	32.9	33.9	35.2	35.9
Georgia	311,812	201,957	99,559	82,908	5,129	10,468	1,054	10,296	29.0	30.8	31.6	32.4	33.0
Hawaii	62,576	15,917	41,118	1,717	1,637	37,480	284	5,543	70.6	71.0	72.8	72.8	72.1
Idaho	64,661	59,031	4,196	468	1,898	1,001	829	1,434	6.1	6.5	6.5	6.8	6.6
Illinois	733,182	495,380	215,227	96,685	72,731	43,445	2,366	22,575	26.9	28.4	29.2	29.7	30.3
Indiana	304,725	257,987	35,375	21,182	7,505	5,473	1,215	11,363	10.5	11.2	11.5	11.9	12.1
Iowa	186,780	165,673	13,464	5,106	3,240	4,190	928	7,643	7.2	7.7	7.4	7.4	7.5
Kansas	176,737	148,713	22,557	9,400	6,016	4,430	2,711	5,467	11.5	12.6	13.8	13.1	13.2
Kentucky	181,626	159,265	18,998	14,232	1,626	2,318	822	3,363	8.9	9.5	9.7	10.4	10.7
Louisiana	221,348	142,116	73,273	61,655	5,428	4,846	1,344	5,959	31.4	32.8	33.1	33.8	34.0
Maine	57,822	53,592	2,792	607	483	863	839	1,438	3.7	4.0	4.5	5.2	5.0
Maryland	268,820	166,027	92,193	66,958	7,809	16,336	1,090	10,600	30.0	32.2	33.3	34.7	35.7
Massachusetts	419,695	311,026	77,035	27,310	21,158	26,811	1,756	31,634	16.5	17.7	18.6	19.3	19.9
Michigan	558,998	438,845	98,654	64,314	12,680	17,382	4,278	21,499	16.8	17.5	17.9	18.4	18.4
Minnesota	282,756	247,273	27,795	10,431	4,086	10,227	3,051	7,688	8.0	9.0	9.2	9.8	10.1
Mississippi	133,170	84,325	46,929	44,448	844	1,084	553	1,916	31.2	32.7	33.3	34.6	35.8
Missouri	317,480	262,323	46,367	30,977	6,113	7,461	1,816	8,790	13.2	13.8	14.1	14.9	15.0
Montana	43,114	36,963	5,181	253	667	401	3,860	970	11.5	11.2	11.5	11.8	12.3
Nebraska	110,806	97,795	10,014	3,971	2,581	2,644	818	2,997	7.4	8.0	8.7	8.6	9.3
Nevada	89,711	62,655	24,864	6,697	9,760	7,038	1,369	2,192	19.5	23.0	24.6	26.9	28.4
New Hampshire	63,366	57,618	3,876	1,091	1,221	1,244	320	1,872	4.6	5.0	5.7	5.9	6.3
New Jersey	330,537	211,666	104,302	41,525	36,486	25,357	934	14,569	27.4	29.5	30.6	32.1	33.0
New Mexico	111,896	56,315	53,795	2,772	39,940	2,201	8,882	1,786	41.8	44.9	45.9	47.5	48.9
New York	1,020,991	646,462	318,953	138,202	105,084	71,954	3,713	55,576	29.8	31.6	32.1	32.7	33.0
North Carolina	395,907	282,157	105,645	86,186	6,504	8,815	4,140	8,105	24.1	24.9	25.7	26.5	27.2
North Dakota	40,348	35,809	3,395	378	302	308	2,407	1,144	7.8	8.2	8.0	8.6	8.7
Ohio	548,545	453,609	77,948	55,553	8,655	11,720	2,020	16,988	13.2	14.1	14.1	14.3	14.7
Oklahoma	179,055	131,127	39,348	14,421	5,177	4,464	15,286	8,580	19.9	20.9	21.9	22.6	23.1
Oregon	175,635	145,084	23,808	3,366	7,014	10,617	2,811	6,743	12.2	13.0	13.2	13.6	14.1
Pennsylvania	605,283	496,753	89,686	52,887	12,909	22,319	1,573	18,842	13.2	14.3	14.7	14.9	15.3
Rhode Island	74,821	61,209	10,686	3,803	3,607	2,999	277	2,926	11.4	13.0	13.6	14.0	14.9
South Carolina	183,626	128,919	51,043	46,085	2,041	2,342	575	3,664	24.7	26.1	26.9	27.6	28.4
South Dakota	42,147	37,295	4,132	371	274	306	3,181	720	8.6	8.3	9.2	9.7	10.0
Tennessee	252,915	197,974	49,470	41,142	3,159	4,284	885	5,471	17.7	18.2	18.7	19.2	20.0
Texas	990,587	573,115	384,127	105,836	224,781	48,206	5,304	33,345	35.1	37.4	38.2	39.1	40.1
Utah	161,591	145,515	11,221	934	4,877	3,961	1,449	4,855	6.5	6.8	6.9	7.1	7.2
Vermont	36,728	34,059	1,886	460	589	640	197	783	4.8	4.5	5.0	5.4	5.2
Virginia	377,970	268,355	98,262	66,050	10,780	19,377	2,055	11,353	23.6	24.9	25.6	26.0	26.8
Washington	306,723	239,084	57,041	11,480	13,102	26,541	5,918	10,598	16.9	18.2	19.2	19.2	19.3
West Virginia	88,657	80,785	5,927	3,895	634	1,037	361	1,945	5.9	6.2	6.8	6.5	6.8
Wisconsin	304,776	267,209	30,540	13,763	6,704	6,983	3,090	7,027	9.4	9.7	9.9	10.5	10.3
Wyoming	29,002	26,393	2,101	270	1,097	232	502	508	6.9	8.0	7.9	7.4	7.4
U.S. Service Schools	13,344	10,816	2,413	799	886	612	116	115	22.0	19.9	20.4	17.5	18.2
Outlying areas	185,244	865	183,831	2,440	171,396	9,980	15	548	99.5	99.6	98.3	99.5	99.5
American Samoa	1,172	0	1,089	0	0	1,089	0	83	100.0	100.0	100.0	99.9	100.0
Federated States of Micronesia	1,506	3	1,502	0	0	1,502	0	1	100.0	100.0	100.0	98.1	99.8
Guam	5,727	411	5,176	31	37	5,096	12	140	90.0	90.9	92.0	92.5	92.6
Marshall Islands	616	0	616	0	0	616	0	0	100.0	100.0	100.0	100.0	100.0
Northern Marianas	1,080	20	1,060	0	4	1,056	0	0	92.3	92.2	93.6	94.0	98.1
Palau	569	4	565	0	0	565	0	0	100.0	100.0	100.0	100.0	99.3
Puerto Rico	171,832	339	171,345	74	171,234	34	3	148	100.0	100.0	98.5	99.8	99.8
Virgin Islands	2,742	88	2,478	2,335	121	22	0	176	92.5	95.2	95.1	95.4	96.6

NOTE: Percent minority based on U.S. citizen enrollment (total enrollment less enrollment of nonresident aliens). Data for 1994 are based on institutions of higher education. Data for 1996 through 1999 are for degree-granting institutions. Data for 1994 are based on higher education institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or directly recognized by the Secretary of Education. The Department of Education no longer distinguishes between those institutions and other institutions that participated in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees. Data for 1999 imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared October 2001.)

Table 212.—Number and percent of students enrolled in postsecondary institutions, by disability status and selected student characteristics: 1995–96

Selected student characteristics	Undergraduate			Graduate and first-professional[1]		
	All students	Disabled students[2]	Nondisabled students	All students	Disabled students[2]	Nondisabled students
1	2	3	4	5	6	7
Total (in thousands)	**16,678**	**892**	**15,786**	**2,784**	**89**	**2,695**
Sex	100.0	100.0	100.0	100.0	100.0	100.0
Male	44.1	50.0	43.8	45.7	31.3	46.2
Female	55.9	50.0	56.2	54.3	68.7	53.8
Race/ethnicity of student	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	71.4	80.9	70.8	80.6	73.9	80.9
Black, non-Hispanic	11.6	7.1	11.9	6.4	10.7	6.2
Hispanic	10.3	7.7	10.5	4.9	9.8	4.7
Asian/Pacific Islander	5.3	1.8	5.5	8.1	5.6	8.2
American Indian/Alaskan Native	0.9	2.1	0.8	(3)	(3)	(3)
Other	0.5	0.4	0.5	(3)	(3)	(3)
Age	100.0	100.0	100.0	100.0	100.0	100.0
15 to 23	54.9	46.0	55.5	9.2	7.6	9.3
24 to 29	17.9	13.6	18.1	42.7	32.3	43.0
30 or older	27.2	40.4	26.4	48.1	60.0	47.7
Attendance status	100.0	100.0	100.0	100.0	100.0	100.0
Full-time	40.5	38.7	40.6	32.5	34.2	32.5
Part-time	59.5	61.3	59.4	67.5	65.8	67.5
Student housing status	100.0	100.0	100.0	100.0	100.0	100.0
On-campus	14.6	12.0	14.8	6.5	6.6	6.5
Off-campus	58.0	62.7	57.7	86.9	82.3	87.1
With parents or relatives	27.4	25.3	27.5	6.6	11.1	6.4
Dependency status	100.0	100.0	100.0	100.0	100.0	100.0
Dependent	49.3	40.7	49.8	50.5	48.8	50.5
Independent, unmarried	16.7	21.5	16.4	20.7	21.5	20.7
Independent, married	9.8	8.0	9.9	28.8	29.7	28.8
Independent with dependents	24.2	29.8	23.9	(3)	(3)	(3)
Veteran status	100.0	100.0	100.0	100.0	100.0	100.0
Veteran	5.2	9.7	5.0	5.2	10.6	5.0
Not veteran	94.8	90.3	95.0	94.8	89.4	95.0
Field of study	100.0	100.0	100.0	100.0	100.0	100.0
Business/management	15.7	13.8	15.8	17.1	14.8	17.1
Education	6.8	6.6	6.8	26.1	23.8	26.2
Engineering/computer science	9.6	10.9	9.6	8.3	3.7	8.4
Health	10.1	9.0	10.2	13.0	28.6	12.5
Humanities	11.6	13.9	11.5	9.7	6.2	9.8
Law	0.0	0.0	0.0	5.2	4.1	5.2
Life/physical sciences	5.3	3.2	5.4	6.3	2.1	6.5
Social/behavioral sciences	7.6	7.5	7.6	7.8	5.8	7.9
Vocational/technical	2.1	3.0	2.1	0.0	0.0	0.0
Undeclared	20.3	20.9	20.3	3.5	7.1	3.4
Other	10.8	11.3	10.7	2.9	3.8	2.9

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[1] Includes chiropractic medicine, medicine, dentistry, optometry, osteopathic medicine, pharmacy, podiatry, and veterinary medicine.

[2] Disabled students are those who reported that they had one or more of the following conditions: a specific learning disability, a visual handicap, hard of hearing, deafness, a speech disability, an orthopedic handicap, or a health impairment.

[3] Sample size too small for a reliable estimate.

NOTE: Detail may not sum to totals due to survey item nonresponse and rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "The 1995–96 National Postsecondary Student Aid Study." (This table was prepared October 1997.)

Table 213.—Enrollment in postsecondary education, by major field of study, age, and level of student: 1995–96

Field of study	All students				Undergraduate								Graduate and first-professional			
	Total, in thousands	Percentage distribution, by age			2-year institutions [1]				4-year institutions				Total, in thousands	Percentage distribution, by age		
		Under 25	25 to 34	Over 35	Total, in thousands	Percentage distribution, by age			Total, in thousands	Percentage distribution, by age				Under 25	25 to 34	Over 35
						Under 25	25 to 34	Over 35		Under 25	25 to 34	Over 35				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	**19,444**	**53.0**	**26.3**	**20.7**	**8,887**	**48.1**	**27.0**	**24.9**	**7,791**	**71.4**	**17.1**	**11.5**	**2,767**	**17.4**	**49.5**	**33.1**
Agriculture	204	65.8	21.1	13.1	71	60.5	21.0	18.5	109	80.5	12.0	7.5	24	13.7	63.8	22.5
Architecture/city planning	82	62.8	32.5	4.6	(2)	(2)	(2)	(2)	50	89.0	8.8	2.2	22	16.3	73.5	10.2
Area studies	—	—	—	—	(2)	(2)	(2)	(2)	24	76.2	11.5	12.3	(2)	(2)	(2)	(2)
Business	2,949	48.7	29.7	21.6	1,295	45.2	29.0	25.8	1,233	64.2	20.8	15.0	420	13.9	58.0	28.1
Communications/journalism	335	71.5	17.5	11.0	89	57.3	23.1	19.6	224	82.0	11.8	6.2	22	21.3	52.9	25.8
Computer science	554	42.7	31.6	25.7	275	34.4	31.1	34.5	219	62.4	23.4	14.2	60	9.2	63.3	27.6
Education	1,590	45.0	27.0	28.0	337	63.0	22.2	14.8	649	67.0	17.5	15.5	604	11.3	39.9	48.9
Engineering	1,002	58.6	28.9	12.5	403	48.2	30.4	21.5	477	77.6	18.5	3.8	122	18.7	64.4	16.9
Foreign language	—	—	—	—	(2)	(2)	(2)	(2)	55	78.2	16.1	5.7	(2)	(2)	(2)	(2)
Health	2,157	47.4	31.4	21.2	1,273	42.7	34.4	22.9	637	65.9	19.8	14.3	247	23.6	46.1	30.3
Medicine/dentistry	83	43.3	49.9	6.8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	83	43.3	49.9	6.8
Home economics	473	55.8	27.7	16.5	375	53.0	30.5	16.6	81	77.8	13.0	9.2	17	15.0	36.1	48.9
Industrial arts	210	53.2	30.0	16.8	181	41.9	33.5	24.7	28	81.9	11.0	7.1	(2)	(2)	(2)	(2)
Interdisciplinary science	153	62.8	22.4	14.9	37	73.8	11.7	14.6	89	72.8	17.0	10.2	27	14.0	55.1	30.9
Law	636	53.2	30.0	16.8	352	52.2	27.1	20.6	142	69.0	21.0	10.0	142	39.6	46.3	14.1
Letters/liberal studies	1,340	60.6	21.9	17.5	908	59.1	22.3	18.6	383	69.9	17.4	12.7	48	15.8	50.9	33.3
Library science	24	5.8	57.6	36.6	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	24	5.8	57.6	36.6
Life sciences	558	77.2	19.1	3.7	118	72.0	23.2	4.8	380	87.4	10.3	2.3	60	22.5	67.1	10.4
Mathematics	113	56.7	28.8	14.5	(2)	(2)	(2)	(2)	63	76.5	17.6	6.0	25	20.6	61.1	18.4
Mechanics/transportation	230	39.4	29.3	31.3	208	34.8	30.9	34.3	22	82.1	15.0	3.0	(2)	(2)	(2)	(2)
Philosophy and religion	90	44.6	33.9	21.5	(2)	(2)	(2)	(2)	46	71.5	15.0	13.5	42	12.5	56.1	31.4
Physical science	178	63.4	29.1	7.5	(2)	(2)	(2)	(2)	106	81.4	17.0	1.6	44	20.9	59.5	19.6
Psychology	495	67.4	21.1	11.5	84	69.8	20.8	9.4	347	75.3	15.7	9.1	65	21.9	50.8	27.3
Public administration/social work	241	38.7	34.5	26.8	59	39.1	33.5	27.4	90	55.0	20.7	24.2	93	22.7	48.4	29.0
Social sciences	713	67.3	21.4	11.3	122	65.2	22.0	12.8	492	76.9	15.0	8.2	99	22.7	52.4	24.9
Visual and performing arts	603	66.0	20.7	13.3	169	57.1	19.4	23.5	357	79.4	14.7	5.9	78	23.6	51.2	25.2
Other [3]	181	53.0	23.4	23.5	27	35.1	27.0	37.9	115	71.3	16.2	12.6	38	10.3	43.1	46.5
Undeclared	3,523	54.0	21.2	24.9	2,196	45.5	23.4	31.1	1,248	71.7	15.5	12.8	78	9.8	49.0	41.2

—Not available.

[1] Includes less-than-2-year schools.

[2] Too few sample cases for a reliable estimate.

[3] Includes students whose classification is unknown.

NOTE: Because of different survey editing and processing procedures, enrollment data in this table may differ from those appearing in other tables. Includes students who enrolled at any time during the 1995–96 academic year. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "The 1995–96 National Postsecondary Student Aid Study," unpublished data. (This table was prepared November 1997).

Table 214.—Graduate enrollment in science and engineering programs in degree-granting institutions, by field of study: United States and outlying areas, fall 1987 to fall 1999

Field of engineering or science	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Percent change, 1990 to 1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total, all sciences and engineering	**421,526**	**424,671**	**434,567**	**452,178**	**471,262**	**493,624**	**504,409**	**504,516**	**499,750**	**494,195**	**487,279**	**485,724**	**493,425**	**9.1**
Engineering, total	103,953	102,829	104,043	107,625	113,576	118,003	116,834	112,993	107,173	103,189	101,070	99,969	101,468	–5.7
Aerospace	3,015	3,223	3,524	3,934	4,120	4,036	3,940	3,715	3,343	3,208	3,083	3,137	3,349	–14.9
Agricultural	1,080	1,052	1,043	946	983	1,008	1,018	1,061	1,037	1,012	941	925	934	–1.3
Biomedical	1,674	1,752	1,916	2,136	2,239	2,537	2,675	2,750	2,732	2,732	2,847	2,905	3,121	46.1
Chemical	7,111	6,618	6,460	6,735	7,127	7,397	7,516	7,608	7,424	7,373	7,247	7,060	6,849	1.7
Civil	14,682	14,811	14,909	15,542	17,398	19,572	19,583	19,925	19,218	18,528	17,156	16,481	16,190	4.2
Electrical	31,399	32,035	33,257	33,722	35,182	36,428	35,290	33,020	30,721	29,702	30,548	31,129	31,368	–7.0
Engineering science	2,343	2,386	2,077	2,020	2,154	2,218	2,180	2,089	1,955	1,751	1,647	1,701	1,627	–19.5
Industrial	12,220	11,393	11,094	11,248	12,676	13,525	13,596	13,661	13,143	12,399	11,736	10,995	10,886	–3.2
Mechanical	16,366	16,151	16,265	16,879	17,730	18,637	18,477	17,761	16,363	15,509	15,045	14,696	14,956	–11.4
Metallurgical/materials	4,366	4,337	4,594	4,941	5,160	5,512	5,363	5,191	4,920	4,713	4,649	4,644	4,451	–9.9
Mining	513	489	418	437	489	437	427	424	373	371	348	304	328	–24.9
Nuclear	1,279	1,303	1,323	1,278	1,282	1,286	1,306	1,246	1,154	980	868	821	830	–35.1
Petroleum	818	742	665	670	705	737	725	624	610	562	561	571	642	–4.2
Other engineering	7,087	6,537	6,498	7,137	6,331	4,673	4,738	3,918	4,180	4,349	4,394	4,600	5,937	–16.8
All sciences, total	317,573	321,842	330,524	344,553	357,686	375,621	387,575	391,523	392,577	391,006	386,209	385,755	391,957	13.8
Physical sciences, total	32,727	32,962	33,616	34,075	34,710	35,348	35,318	34,449	33,388	32,324	31,078	30,571	30,689	–9.9
Astronomy	719	731	789	810	829	869	880	973	912	874	778	820	832	2.7
Chemistry	18,827	18,579	18,828	19,118	19,407	19,929	20,131	19,797	19,565	19,327	18,764	18,479	18,414	–3.7
Physics	12,807	13,308	13,657	13,813	14,081	14,122	13,841	13,162	12,425	11,728	11,147	10,809	10,869	–21.3
Other physical sciences	374	344	342	334	393	428	466	517	486	395	389	463	574	71.9
Earth, atmospheric, and ocean sciences	14,371	13,867	13,643	13,984	14,480	15,333	15,731	15,968	15,722	15,185	14,565	14,259	14,082	0.7
Atmospheric sciences	952	940	912	929	968	1,089	1,112	1,109	1,072	1,086	1,092	965	913	–1.7
Geosciences	8,998	8,463	8,052	7,692	7,567	7,744	7,785	7,741	7,608	7,323	6,997	6,705	6,652	–13.5
Oceanography	2,127	2,033	2,207	2,333	2,386	2,530	2,611	2,853	2,703	2,598	2,458	2,545	2,608	11.8
Other environmental sciences	2,294	2,431	2,472	3,030	3,559	3,970	4,223	4,265	4,339	4,178	4,018	4,044	3,909	29.0
Mathematical sciences, total	18,508	19,077	19,247	19,774	19,952	20,355	20,000	19,579	18,509	18,015	16,729	16,488	16,254	–17.8
Mathematics and applied mathematics	16,015	16,490	16,723	17,096	17,206	17,404	16,945	16,463	15,400	14,970	14,048	13,841	13,530	–20.9
Statistics	2,493	2,587	2,524	2,678	2,746	2,951	3,055	3,116	3,109	3,045	2,681	2,647	2,724	1.7
Computer sciences, total	32,051	32,227	32,482	34,257	34,610	36,325	36,213	34,158	33,458	34,626	35,991	38,027	42,560	24.2
Life sciences, total	106,036	108,084	111,862	116,348	121,849	129,010	136,986	143,708	148,442	149,116	148,656	149,822	151,473	30.2
Agricultural sciences, total	11,118	11,135	11,190	11,316	11,506	11,841	11,988	12,273	12,450	12,009	11,893	11,877	12,036	6.4
Biological sciences, total	46,747	47,565	48,852	49,989	51,778	54,180	56,458	58,152	58,775	58,170	57,140	57,124	57,320	14.7
Anatomy	1,016	1,056	1,078	1,000	1,051	991	986	1,043	1,008	1,046	1,029	947	913	–8.7
Biochemistry	4,813	4,921	5,082	5,039	5,201	5,376	5,513	5,632	5,579	5,296	5,123	5,173	5,120	1.6
Biology	12,331	12,393	12,761	13,027	13,292	13,874	14,327	14,220	14,284	14,635	14,643	14,289	13,996	7.4
Biometry/epidemiology	1,556	1,682	1,722	1,871	2,032	2,365	2,658	2,710	2,812	3,001	2,900	3,484	3,575	91.1
Biophysics	591	592	655	642	697	751	780	794	845	833	748	737	710	10.6
Botany	2,979	2,912	2,826	2,733	2,694	2,689	2,714	2,748	2,609	2,504	2,402	2,328	2,261	–17.3
Cell biology	1,964	2,078	2,234	2,555	2,809	3,132	3,415	3,804	3,938	3,961	4,046	4,148	4,402	72.3
Ecology	963	999	1,084	1,136	1,180	1,301	1,410	1,566	1,680	1,615	1,619	1,655	1,687	48.5
Entomology/parasitology	1,244	1,240	1,181	1,173	1,171	1,193	1,247	1,263	1,241	1,234	1,161	1,168	1,145	–2.4
Genetics	1,314	1,289	1,365	1,408	1,520	1,639	1,785	1,699	1,700	1,729	1,760	1,705	1,767	25.5
Microbiology, immunology, and virology	4,452	4,773	4,827	4,873	4,928	4,972	5,068	5,141	5,072	4,963	4,854	4,869	4,910	0.8
Nutrition	4,158	4,132	4,164	4,172	4,164	4,159	4,388	4,747	5,016	4,859	4,550	4,430	4,449	6.6
Pathology	1,369	1,333	1,369	1,354	1,449	1,456	1,575	1,707	1,670	1,656	1,674	1,580	1,580	16.7
Pharmacology	2,072	2,124	2,267	2,353	2,432	2,532	2,651	2,839	2,710	2,663	2,597	2,730	2,757	17.2
Physiology	2,213	2,220	2,206	2,236	2,332	2,317	2,372	2,378	2,540	2,377	2,298	2,151	2,100	–6.1
Zoology	2,104	2,029	2,083	2,104	2,191	2,139	2,120	2,092	2,068	1,911	1,730	1,676	1,614	–23.3
Other biosciences	1,608	1,792	1,948	2,313	2,635	3,294	3,449	3,769	4,003	3,887	4,006	4,054	4,334	87.4
Health fields, total	48,171	49,384	51,820	55,043	58,565	62,989	68,540	73,283	77,217	78,937	79,623	80,821	82,117	49.2
Medical fields	9,809	10,101	10,232	10,950	11,707	12,594	14,184	15,027	15,500	15,293	15,403	16,600	17,244	57.5
Other health fields	38,362	39,283	41,588	44,093	46,858	50,395	54,356	58,256	61,717	63,644	64,220	64,221	64,873	47.1
Dentistry	1,022	1,048	1,004	956	1,016	1,121	1,133	1,199	1,251	1,291	1,411	1,426	1,383	44.7
Nursing	18,444	18,862	19,689	21,194	22,012	23,213	24,781	26,997	28,405	27,388	26,861	25,591	25,068	18.3
Pharmaceutical sciences	2,607	2,613	2,787	2,889	2,968	2,792	2,859	2,887	2,808	2,846	2,710	2,882	3,422	18.4
Speech pathology/audiology	7,314	7,479	7,911	8,354	8,945	9,791	10,740	11,473	12,092	12,973	13,320	13,331	13,653	63.4
Veterinary sciences	731	752	801	900	894	942	877	875	929	946	1,175	1,192	1,216	35.1
Other health related	8,244	8,529	9,396	9,800	11,023	12,536	13,966	14,825	16,232	18,200	18,743	19,799	20,131	105.4
Psychology, total	42,612	43,963	45,528	48,167	51,343	53,484	54,557	54,554	53,641	53,122	53,126	52,557	51,874	7.7
Psychology, general	267	15,443	19,408	20,108	19,555	18,802	18,887	18,297	17,666	16,894	17,350	17,241	16,353	–18.7
Clinical psychology	41,566	20,548	9,298	9,916	10,834	12,090	12,526	12,684	12,519	12,787	13,008	12,648	12,716	28.2
Other psychology	779	7,972	16,822	18,143	20,954	22,592	23,144	23,573	23,456	23,441	22,768	22,668	22,805	25.7
Social sciences, total	71,268	71,662	74,146	77,948	80,742	85,766	88,770	89,107	89,417	88,618	86,064	84,031	85,025	9.1
Agricultural economics	2,203	2,259	2,276	2,273	2,364	2,522	2,415	2,289	2,338	2,117	2,043	1,995	2,014	–11.4
Anthropology	5,835	5,945	6,128	6,479	6,731	7,123	7,361	7,665	7,693	7,773	7,560	7,577	7,633	17.8
Economics (except agricultural)	11,998	12,036	12,139	12,326	12,707	13,252	13,214	12,913	12,673	12,080	11,097	10,701	10,562	–14.3
Geography	3,223	3,208	3,479	3,530	3,760	4,102	4,378	4,502	4,371	4,331	4,287	4,326	4,250	20.4
History and philosophy of science	294	288	304	331	337	360	369	387	401	409	443	508	557	68.3
Linguistics	3,282	3,243	3,286	3,404	3,425	3,277	3,321	3,279	3,194	3,156	3,068	2,935	2,799	–17.8
Political science	27,429	27,723	29,194	30,582	31,707	33,797	35,076	34,317	34,298	33,252	32,083	30,828	31,398	2.7
Sociology	7,026	7,117	7,405	7,801	8,393	9,011	9,425	9,498	9,564	9,425	9,413	9,058	8,966	14.9
Sociology/anthropology	942	960	988	1,164	899	979	935	987	941	923	948	857	741	–36.3
Other social sciences	9,036	8,883	8,947	10,058	10,419	11,343	12,276	13,270	13,944	15,152	15,122	15,246	16,105	60.1

NOTE: Includes estimates for master's degree granting institutions which were surveyed on a sample basis for 1987. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: National Science Foundation, Division of Science Resources Studies, *Survey of Graduate Students and Postdoctorates in Science and Engineering: Fall 1999.* (This table was prepared May 2001.)

Table 215.—Size of enrollment of degree-granting institutions, by type and control of institution: Fall 1999

Control and type of institution	Enrollment size									
	Total	Under 200	200 to 499	500 to 999	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 or mora
1	2	3	4	5	6	7	8	9	10	11
	Number of institutions									
Total	**3,958**	**479**	**588**	**526**	**894**	**613**	**454**	**276**	**92**	**36**
Research I universities[1]	89	1	0	0	1	1	9	22	31	24
Research II universities[1]	37	0	0	0	0	2	2	17	13	3
Doctoral universities	113	1	0	2	5	16	29	46	11	3
Master's	557	0	4	17	117	164	167	77	10	1
Baccalaureate	880	69	95	201	378	115	19	2	1	0
Associate of arts[2]	1,659	226	319	178	295	281	221	109	25	5
Specialized institutions[3]	623	182	170	128	98	34	7	3	1	0
Public	1,646	18	57	103	348	398	365	239	84	34
Research I universities[1]	59	0	0	0	0	1	0	9	26	23
Research II universities[1]	27	0	0	0	0	0	0	14	11	2
Doctoral universities	65	0	0	1	1	3	13	33	11	3
Master's	277	0	0	0	15	65	116	70	10	1
Baccalaureate	123	0	1	10	54	41	14	2	1	0
Associate of arts[2]	1,037	16	50	78	258	276	220	109	25	5
Specialized institutions[3]	58	2	6	14	20	12	2	2	0	0
Private	2,312	461	531	423	546	215	89	37	8	2
Research I universities[1]	30	1	0	0	1	0	9	13	5	1
Research II universities[1]	10	0	0	0	0	2	2	3	2	1
Doctoral universities	48	1	0	1	4	13	16	13	0	0
Master's	280	0	4	17	102	99	51	7	0	0
Baccalaureate	757	69	94	191	324	74	5	0	0	0
Associate of arts[2]	622	210	269	100	37	5	1	0	0	0
Specialized institutions[3]	565	180	164	114	78	22	5	1	1	0
	Enrollment of institutions									
Total	**14,791,224**	**54,738**	**194,477**	**380,145**	**1,475,076**	**2,141,256**	**3,200,497**	**3,825,942**	**2,189,551**	**1,329,542**
Research I universities[1]	2,100,946	142	0	0	1,889	3,491	74,048	326,156	775,928	919,292
Research II universities[1]	658,834	0	0	0	0	8,801	14,009	246,721	289,082	100,221
Doctoral universities	1,290,702	39	0	1,568	8,435	59,949	215,567	655,887	254,878	94,379
Master's	3,274,314	0	1,416	13,305	205,771	585,302	1,157,143	1,034,217	247,149	30,011
Baccalaureate	1,333,796	6,815	34,607	149,084	600,850	368,522	125,269	28,587	20,062	0
Associate of arts[2]	5,592,699	28,141	103,417	123,397	500,531	995,540	1,572,477	1,503,001	580,556	185,639
Specialized institutions[3]	539,933	19,601	55,037	92,791	157,600	119,651	41,984	31,373	21,896	0
Public	11,309,399	2,720	19,120	77,165	602,853	1,422,580	2,590,174	3,335,844	1,999,264	1,259,679
Research I universities[1]	1,692,395	0	0	0	0	3,491	0	155,305	651,439	882,160
Research II universities[1]	516,140	0	0	0	0	0	0	203,470	245,180	67,490
Doctoral universities	944,830	0	0	671	1,765	12,020	103,372	477,745	254,878	94,379
Master's	2,318,580	0	0	0	26,700	242,641	825,672	946,407	247,149	30,011
Baccalaureate	373,971	0	337	8,095	88,940	141,373	86,577	28,587	20,062	0
Associate of arts[2]	5,339,449	2,531	16,560	57,746	448,477	981,090	1,563,849	1,503,001	580,556	185,639
Specialized institutions[3]	124,034	189	2,223	10,653	36,971	41,965	10,704	21,329	0	0
Private	3,481,825	52,018	175,357	302,980	872,223	718,676	610,323	490,098	190,287	69,863
Research I universities[1]	408,551	142	0	0	1,889	0	74,048	170,851	124,489	37,132
Research II universities[1]	142,694	0	0	0	0	8,801	14,009	43,251	43,902	32,731
Doctoral universities	345,872	39	0	897	6,670	47,929	112,195	178,142	0	0
Master's	955,734	0	1,416	13,305	179,071	342,661	331,471	87,810	0	0
Baccalaureate	959,825	6,815	34,270	140,989	511,910	227,149	38,692	0	0	0
Associate of arts[2]	253,250	25,610	86,857	65,651	52,054	14,450	8,628	0	0	0
Specialized institutions[3]	415,899	19,412	52,814	82,138	120,629	77,686	31,280	10,044	21,896	0

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[1] Research institutions are committed to graduate education through the doctorate, and give high priority to research. Research I institutions receive $40 million or more annually in federal support. Research II institutions receive between $15.5 million and $40 million annually.

[2] Includes tribally controlled 2-year institutions. Tribally controlled colleges are located on reservations. They are members of the American Indian Higher Education Consortium.

[3] Specialized institutions award baccalaureate or higher level degrees in specific fields of study. Also includes tribally controlled 4-year institutions. Tribally controlled colleges are located on reservations. They are members of the American Indian Higher Education Consortium.

NOTE: Data imputed using alternative methods. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment, 1999" survey. (This table was prepared July 2001.)

Table 216.—Enrollment of the 120 largest degree-granting college and university campuses: Fall 1999

Institution	State	Rank	Control[1]	Type[2]	Total enrollment, fall 1999[3]	Institution	State	Rank	Control[1]	Type[2]	Total enrollment, fall 1999[3]
1	2	3	4	5	6	1	2	3	4	5	6
The University of Texas at Austin	Tex.	1	1	1	49,009	Iowa State University	Iowa	61	1	1	26,110
Ohio State University, Main Campus	Ohio	2	1	1	48,003	Tarrant County Junior College	Tex.	62	1	2	25,968
Miami-Dade Community College	Fla.	3	1	2	47,152	University of Utah	Utah	63	1	1	25,781
University of Minnesota, Twin Cities	Minn.	4	1	1	45,361	University of Kansas, Main Campus	Kans.	64	1	1	25,406
Arizona State University, Main Campus	Ariz.	5	1	1	44,215	University of California, Davis	Calif.	65	1	1	25,092
Texas A&M University	Tex.	6	1	1	43,817	University of Massachusetts, Amherst	Mass.	66	1	1	25,031
University of Florida	Fla.	7	1	1	43,382	Broward Community College	Fla.	67	1	2	24,720
Michigan State University	Mich.	8	1	1	43,038	University of North Carolina at Chapel Hill	N.C.	68	1	1	24,653
Pennsylvania State University, Main Campus	Pa.	9	1	1	40,658	University of Illinois at Chicago	Ill.	69	1	1	24,610
University of Wisconsin, Madison	Wisc.	10	1	1	40,099	California State University, Sacramento	Calif.	70	1	1	24,530
Purdue University, Main Campus	Ind.	11	1	1	39,471	University of New Mexico, Main Campus	N.Mex.	71	1	1	24,374
University of Illinois at Urbana	Ill.	12	1	1	38,851	SUNY at Buffalo	N.Y.	72	1	1	24,256
Houston Community College System	Tex.	13	1	2	37,882	Texas Tech University	Tex.	73	1	1	24,249
University of Michigan, Ann Arbor	Mich.	14	1	1	37,846	Harvard University	Mass.	74	2	1	24,214
New York University	N.Y.	15	2	1	37,132	George Mason University	Va.	75	1	1	24,180
Northern Virginia Community College	Va.	16	1	2	36,655	University of Oklahoma, Norman Campus	Okla.	76	1	1	23,694
University of California, Los Angeles	Calif.	17	1	1	36,351	Northeastern University	Mass.	77	2	1	23,556
Indiana University, Bloomington	Ind.	18	1	1	36,201	Virginia Commonwealth University	Va.	78	1	1	23,481
University of Washington, Seattle	Wash.	19	1	1	35,559	University of South Carolina at Columbia	S.C.	79	1	1	23,430
Rutgers University, New Brunswick	N.J.	20	1	1	35,308	Georgia State University	Ga.	80	1	1	23,410
University of South Florida	Fla.	21	1	1	34,839	De Anza College	Calif.	81	1	2	23,264
University of Arizona	Ariz.	22	1	1	34,326	Oakland Community College, Bloomfield Hills	Mich.	82	1	2	23,244
Community College of Southern Nevada	Nev.	23	1	2	33,402	University of Wisconsin, Milwaukee	Wisc.	83	1	1	23,149
Florida State University	Fla.	24	1	1	32,878	University of Kentucky	Ky.	84	1	1	23,060
University of Maryland, College Park Campus	Md.	25	1	1	32,864	Pasadena City College	Calif.	85	1	2	22,978
Brigham Young University	Utah	26	2	1	32,731	Eastern Michigan University	Mich.	86	1	1	22,956
University of Houston, University Park	Tex.	27	1	1	32,651	University of Missouri, Columbia	Mo.	87	1	1	22,930
University of Central Florida	Fla.	28	1	1	31,673	Northern Illinois University	Ill.	88	1	1	22,843
Louisiana St. U. & A. & M. & Hebert Laws Center	La.	29	1	1	31,639	Mount San Antonio College	Calif.	89	1	2	22,715
San Diego State University	Calif.	30	1	1	31,413	El Camino College	Calif.	90	1	2	22,616
University of California, Berkeley	Calif.	31	1	1	31,347	University of Virginia, Main Campus	Va.	91	1	1	22,433
Florida International University	Fla.	32	1	1	31,293	Portland Community College	Oreg.	92	1	2	22,401
Wayne State University	Mich.	33	1	1	31,025	Southern Illinois University, Carbondale	Ill.	93	1	1	22,323
University of Georgia	Ga.	34	1	1	30,912	Riverside Community College	Calif.	94	1	2	22,320
Pima Community College	Ariz.	35	1	2	30,548	West Virginia University	W.Va.	95	1	1	22,315
California State University, Long Beach	Calif.	36	1	1	30,011	Mesa Community College	Ariz.	96	1	2	22,295
College of Du Page	Ill.	37	1	2	29,032	University of Nebraska at Lincoln	Nebr.	97	1	1	22,142
University of Colorado at Boulder	Colo.	38	1	1	28,851	Auburn University, Main Campus	Ala.	98	1	1	22,120
University of Iowa	Iowa	39	1	1	28,846	North Harris-Montgomery Community College	Tex.	99	1	2	22,113
University of Southern California	Calif.	40	2	1	28,766	Orange Coast College	Calif.	100	1	2	21,942
Boston University	Mass.	41	2	1	28,487	American River College	Calif.	101	1	2	21,934
Temple University	Pa.	42	1	1	28,124	University of Phoenix, Southern California	Calif.	102	3	1	21,896
North Carolina State University at Raleigh	N.C.	43	1	1	28,011	University of Pennsylvania	Pa.	103	2	1	21,855
City College of San Francisco	Calif.	44	1	2	27,986	University of Nevada, Las Vegas	Nev.	104	1	1	21,820
California State University, Northridge	Calif.	45	1	1	27,947	Southwest Texas State University	Tex.	105	1	1	21,769
Virginia Polytechnic Institute and State U.	Va.	46	1	1	27,910	Santa Rosa Junior College	Calif.	106	1	2	21,728
Western Michigan University	Mich.	47	1	1	27,744	Macomb Community College	Mich.	107	1	2	21,718
San Francisco State University	Calif.	48	1	1	27,701	University of Akron, Main Campus	Ohio	108	1	1	21,687
Indiana U.-Purdue U. at Indianapolis	Ind.	49	1	1	27,587	Kent State University, Main Campus	Ohio	109	1	1	21,653
University of Cincinnati, Main Campus	Ohio	50	1	1	27,467	Kansas State University	Kans.	110	1	1	21,543
California State University, Fullerton	Calif.	51	1	1	27,167	University of Delaware	Del.	111	1	1	21,206
Colorado State University	Colo.	52	1	1	27,036	Columbia University in the City of New York	N.Y.	112	2	1	21,167
San Jose State University	Calif.	53	1	1	26,937	Oklahoma State University, Main Campus	Okla.	113	1	1	21,014
University of North Texas	Tex.	54	1	1	26,493	Utah State University	Utah	114	1	1	20,865
University of Tennessee, Knoxville	Tenn.	55	1	1	26,437	San Diego Mesa College	Calif.	115	1	2	20,859
Valencia Community College	Fla.	56	1	2	26,376	Washington State University	Wash.	116	1	1	20,799
Santa Monica College	Calif.	57	1	2	26,372	Salt Lake Community College	Utah	116	1	2	20,799
Central Michigan University	Mich.	58	1	1	26,321	Palomar College	Calif.	118	1	2	20,492
University of Pittsburgh, Main Campus	Pa.	59	1	1	26,162	Illinois State University	Ill.	119	1	1	20,470
Austin Community College	Tex.	60	1	2	26,135	Cerritos College	Calif.	120	1	2	20,450

[1] Publicly controlled institutions are identified by a "1," and private, not-for-profit, by a "2," and private, for-profit, by a "3."

[2] The types of institutions are identified as follows: "1" for 4-year institutions; and "2" for 2-year institutions.

[3] College and university campuses ranked by fall 1999 enrollment data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment, 1999" survey. (This table was prepared September 2001.)

Table 217.—Selected statistics for degree-granting institutions enrolling more than 14,600 students in 1999

Line no.	Institution	State	Control[1]	Type[2]	Total enrollment, fall 1990	Total enrollment, fall 1995	Total enrollment, fall 1998	Total enrollment, fall 1999	Enrollment, by sex, fall 1999		Enrollment, by attendance status, fall 1999	
									Men	Women	Full-time	Part-time
1	2	3	4	5	6	7	8	9	10	11	12	13
—	**United States, all institutions[5]**	—	—	—	**13,818,637**	**14,261,781**	**14,506,967**	**[6]14,791,224**	**[6]6,490,646**	**[6]8,300,578**	**[6]8,786,494**	**[6]6,004,730**
—	**Colleges with enrollment over 14,600**	—	—	—	**5,102,204**	**5,107,272**	**5,200,934**	**5,291,628**	**2,424,095**	**2,867,533**	**3,275,263**	**2,016,365**
1	Auburn University, Main Campus	Ala.	1	1	21,537	22,122	21,775	22,120	11,536	10,584	19,229	2,891
2	University of Alabama	Ala.	1	1	19,794	18,985	18,426	18,744	8,974	9,770	15,721	3,023
3	University of Alabama at Birmingham	Ala.	1	1	15,356	15,502	15,056	15,098	6,396	8,702	10,197	4,901
4	University of Alaska, Anchorage	Alaska	1	1	17,490	16,206	14,998	14,746	5,697	9,049	5,820	8,926
5	Arizona State University, Main Campus	Ariz.	1	1	42,936	42,040	43,732	44,215	20,971	23,244	32,254	11,961
6	Glendale Community College	Ariz.	1	2	18,512	17,639	18,101	19,131	8,396	10,735	5,465	13,666
7	Mesa Community College	Ariz.	1	2	19,818	21,244	22,834	22,295	10,587	11,708	8,679	13,616
8	Northern Arizona University	Ariz.	1	1	16,992	20,131	19,940	19,981	7,875	12,106	13,319	6,662
9	Pima Community College	Ariz.	1	2	26,766	27,866	28,316	30,548	14,022	16,526	8,915	21,633
10	University of Arizona	Ariz.	1	1	35,729	34,777	34,291	34,326	16,335	17,991	26,950	7,376
11	University of Arkansas, Fayetteville	Ark.	1	1	14,732	14,692	14,984	15,167	7,729	7,438	11,966	3,201
12	American River College	Calif.	1	2	18,716	20,170	20,469	21,934	9,794	12,140	5,218	16,716
13	Cal. Polytechnic State U., San Luis Obispo	Calif.	1	1	17,751	16,023	16,296	16,470	9,051	7,419	15,031	1,439
14	California State Polytechnic U., Pomona	Calif.	1	1	19,468	16,605	17,577	18,021	9,939	8,082	13,291	4,730
15	California State University, Chico	Calif.	1	1	16,633	13,798	14,983	15,261	6,939	8,322	13,330	1,931
16	California State University, Fresno	Calif.	1	1	19,960	17,461	18,101	18,321	7,785	10,536	14,042	4,279
17	California State University, Fullerton	Calif.	1	1	25,592	22,604	25,675	27,167	11,090	16,077	17,800	9,367
18	California State University, Long Beach	Calif.	1	1	33,987	26,403	28,637	30,011	12,357	17,654	20,567	9,444
19	California State University, Los Angeles	Calif.	1	1	21,597	18,385	19,732	19,783	7,751	12,032	11,728	8,055
20	California State University, Northridge	Calif.	1	1	31,167	25,015	27,203	27,947	11,118	16,829	18,351	9,596
21	California State University, Sacramento	Calif.	1	1	26,336	22,796	23,676	24,530	10,214	14,316	17,004	7,526
22	Cerritos College	Calif.	1	2	15,886	19,981	19,173	20,450	9,067	11,383	4,847	15,603
23	City College of San Francisco	Calif.	1	2	24,408	26,019	27,768	27,986	12,474	15,512	6,658	21,328
24	Cosumnes River College	Calif.	1	2	8,235	11,117	13,420	14,614	5,783	8,831	3,144	11,470
25	De Anza College	Calif.	1	2	21,948	22,545	23,343	23,264	11,068	12,196	7,334	15,930
26	Diablo Valley College	Calif.	1	2	20,255	18,192	19,216	19,216	8,873	10,343	6,622	12,594
27	East Los Angeles College	Calif.	1	2	12,447	15,289	14,876	15,771	6,254	9,517	4,751	11,020
28	El Camino College	Calif.	1	2	25,789	21,540	21,913	22,616	10,116	12,500	6,247	16,369
29	Foothill College	Calif.	1	2	12,811	12,619	14,079	15,283	7,854	7,429	3,955	11,328
30	Fresno City College	Calif.	1	2	14,710	16,287	16,532	16,739	7,514	9,225	5,482	11,257
31	Fullerton College	Calif.	1	2	17,548	17,748	18,174	18,211	8,643	9,568	5,798	12,413
32	Grossmont College	Calif.	1	2	15,357	14,560	15,510	16,159	6,883	9,276	5,862	10,297
33	Long Beach City College	Calif.	1	2	18,378	18,137	17,923	18,730	7,997	10,733	4,586	14,144
34	Mount San Antonio College	Calif.	1	2	20,563	22,202	22,715	22,715	10,372	12,343	7,130	15,585
35	National University	Calif.	2	1	8,836	10,068	14,062	17,065	7,048	10,017	10,891	6,174
36	Orange Coast College	Calif.	1	2	22,365	21,135	22,191	21,942	10,614	11,328	6,775	15,167
37	Palomar College	Calif.	1	2	16,707	18,894	20,492	20,492	9,900	10,592	4,924	15,568
38	Pasadena City College	Calif.	1	2	19,581	21,101	22,451	22,978	10,080	12,898	7,099	15,879
39	Riverside Community College	Calif.	1	2	15,683	18,633	21,758	22,320	9,070	13,250	4,924	17,396
40	Sacramento City College	Calif.	1	2	14,474	16,098	16,067	17,003	7,115	9,888	5,072	11,931
41	Saddleback College	Calif.	1	2	14,527	14,093	18,022	18,054	7,719	10,335	4,752	13,302
42	San Diego Mesa College	Calif.	1	2	23,410	19,904	20,818	20,859	9,994	10,865	5,455	15,404
43	San Diego State University	Calif.	1	1	35,493	29,350	31,453	31,413	13,473	17,940	22,485	8,928
44	San Francisco State University	Calif.	1	1	29,343	26,791	27,446	27,701	10,878	16,823	18,380	9,321
45	San Joaquin Delta College	Calif.	1	2	14,792	14,640	14,499	15,562	6,314	9,248	5,064	10,498
46	San Jose State University	Calif.	1	1	30,334	25,997	26,628	26,937	12,381	14,556	16,959	9,978
47	Santa Ana College	Calif.	1	2	20,532	20,392	17,734	18,196	10,154	8,042	3,347	14,849
48	Santa Monica College	Calif.	1	2	18,108	20,392	24,105	26,372	11,569	14,803	7,727	18,645
49	Santa Rosa Junior College	Calif.	1	2	20,475	20,102	21,461	21,728	8,998	12,730	6,202	15,526
50	Sierra College	Calif.	1	2	11,637	13,282	16,671	16,631	7,276	9,355	4,862	11,769
51	Southwestern College	Calif.	1	2	13,010	15,037	15,452	16,349	7,444	8,905	4,997	11,352
52	Stanford University	Calif.	2	1	14,724	16,003	17,207	18,083	10,408	7,675	12,628	5,455
53	University of California, Berkeley	Calif.	1	1	30,634	29,630	31,011	31,347	15,872	15,475	28,670	2,677
54	University of California, Davis	Calif.	1	1	23,890	23,091	24,866	25,092	11,412	13,680	22,665	2,427
55	University of California, Irvine	Calif.	1	1	16,808	17,256	18,102	19,277	9,719	9,558	18,131	1,146
56	University of California, Los Angeles	Calif.	1	1	36,420	34,713	35,795	36,351	17,315	19,036	34,695	1,656
57	University of California, San Diego	Calif.	1	1	17,790	18,315	19,347	19,894	10,006	9,888	18,908	986
58	University of California, Santa Barbara	Calif.	1	1	18,385	18,224	19,363	20,056	9,414	10,642	19,298	758
59	University of Phoenix, Southern California	Calif.	3	1	—	4,880	8,300	21,896	9,438	12,458	21,896	0
60	University of Southern California	Calif.	2	1	28,374	27,971	28,739	28,766	15,109	13,657	22,839	5,927
61	Colorado State University	Colo.	1	1	26,828	26,340	26,635	27,036	12,911	14,125	19,911	7,125
62	Metropolitan State College of Denver	Colo.	1	1	17,400	16,932	17,273	17,716	7,662	10,054	9,460	8,256
63	University of Colorado at Boulder	Colo.	1	1	28,600	27,624	28,157	28,851	15,093	13,758	22,500	6,351
64	University of Connecticut	Conn.	1	1	25,497	22,471	21,398	18,721	8,993	9,728	14,656	4,065
65	University of Delaware	Del.	1	1	20,818	21,365	21,346	21,206	9,070	12,136	17,105	4,101
66	George Washington University	D.C.	2	1	19,103	19,670	19,481	20,346	9,641	10,705	12,635	7,711
67	Broward Community College	Fla.	1	2	24,365	25,738	26,422	24,720	9,654	15,066	6,526	18,194
68	Florida Atlantic University, Boca Raton	Fla.	1	1	12,767	17,704	19,396	20,126	7,739	12,387	9,318	10,808
69	Florida Community College at Jacksonville	Fla.	1	2	20,974	21,237	20,640	19,645	8,062	11,583	9,127	10,518
70	Florida International University	Fla.	1	1	22,466	28,171	30,421	31,293	13,655	17,638	15,818	15,475
71	Florida State University	Fla.	1	1	28,170	30,155	31,071	32,878	14,582	18,296	26,395	6,483
72	Hillsborough Community College	Fla.	1	2	19,134	20,311	16,750	17,319	7,132	10,187	4,779	12,540
73	Miami-Dade Community College	Fla.	1	2	50,078	47,060	48,222	47,152	18,931	28,221	14,158	32,994
74	Nova Southeastern University	Fla.	2	1	9,562	13,941	16,050	17,810	6,215	11,595	9,095	8,715
75	Palm Beach Community College	Fla.	1	2	18,392	18,310	18,192	16,962	6,606	10,356	3,849	13,113
76	Saint Petersburg Junior College	Fla.	1	2	20,012	21,176	19,547	19,964	8,146	11,818	5,800	14,164
77	University of Central Florida	Fla.	1	1	21,541	26,556	30,206	31,673	14,095	17,578	19,781	11,892

Table 217.—Selected statistics for degree-granting institutions enrolling more than 14,600 students in 1999—Continued

Percent minority enroll-ment, 1999[3]	Enrollment, by level, fall 1999		Earned degrees conferred, 1999–2000					Financial statistics, 1998–99, in thousands[4]			Full-time-equivalent enrollment, fall 1998	Full-time-equivalent enrollment, fall 1999	Line no.
	Undergradu-ate	Postbacca-laureate	Associate	Bachelor's	Master's	First-profes-sional	Doctor's	Current-fund expenditures, public institutions	Educational and general expenditures, public institutions	Total expenditures, private institutions			
14	15	16	17	18	19	20	21	22	23	24	25	26	27
[6]28	**[6]12,681,231**	**[6]2,109,993**	**564,933**	**1,237,875**	**457,056**	**80,057**	**44,808**	**(7)**	**(7)**	**(7)**	**10,698,775**	**10,943,609**	—
31	**4,339,422**	**952,206**	**103,492**	**529,610**	**197,984**	**29,226**	**29,435**	**(7)**	**(7)**	**16,773,563**	**3,916,329**	**4,004,596**	—
10	18,669	3,451	0	4,182	723	127	186	389,033	334,417	—	20,016	20,338	1
16	14,645	4,099	0	2,569	1,153	181	150	320,397	258,206	—	16,382	16,885	2
28	10,420	4,678	0	1,562	1,051	254	125	1,165,958	553,506	—	12,024	12,117	3
20	14,167	579	480	724	203	0	0	121,793	110,060	—	9,556	9,407	4
22	33,948	10,267	0	6,622	2,207	159	286	623,191	549,722	—	36,350	36,898	5
28	19,131	0	779	0	0	0	0	44,092	40,165	—	9,596	10,053	6
25	22,295	0	1,013	0	0	0	0	60,454	54,666	—	12,680	13,250	7
20	13,947	6,034	0	2,969	1,871	0	52	229,074	200,078	—	15,871	15,818	8
40	30,548	0	1,192	0	0	0	0	90,841	89,711	—	14,378	16,178	9
25	26,258	5,068	0	4,932	1,254	307	405	848,114	758,736	—	29,552	29,815	10
13	12,240	2,927	0	1,889	758	104	86	312,801	274,063	—	13,086	13,196	11
32	21,934	0	1,141	0	0	0	0	(8)	(8)	—	10,175	10,830	12
29	15,503	967	0	3,545	287	0	0	180,531	168,737	—	15,379	15,596	13
69	15,842	2,179	0	2,585	301	0	0	147,747	141,838	—	14,759	15,135	14
20	13,397	1,864	0	2,401	314	0	0	139,864	133,664	—	13,856	14,081	15
52	14,765	3,556	0	2,833	580	0	7	161,418	157,644	—	15,361	15,698	16
56	22,449	4,718	0	4,522	889	0	0	221,368	193,693	—	20,114	21,467	17
58	24,109	5,902	0	4,158	1,099	0	0	228,083	214,062	—	22,763	24,223	18
83	13,732	6,051	0	2,500	843	0	0	161,489	155,988	—	14,690	14,805	19
54	21,560	6,387	0	3,921	857	0	0	259,626	242,175	—	21,362	22,052	20
43	19,343	5,187	0	3,721	910	0	0	201,466	194,600	—	19,270	19,931	21
83	20,450	0	1,085	0	0	0	0	(8)	(8)	—	9,428	10,086	22
68	27,986	0	991	0	0	0	0	(8)	(8)	—	13,893	13,819	23
41	14,614	0	721	0	0	0	0	(8)	(8)	—	6,365	6,995	24
63	23,264	0	1,131	0	0	0	0	(8)	(8)	—	12,779	12,682	25
37	19,216	0	649	0	0	0	0	(8)	(8)	—	10,850	10,850	26
97	15,771	0	1,059	0	0	0	0	60,627	60,627	—	7,950	8,451	27
71	22,616	0	939	0	0	0	0	74,204	69,187	—	11,420	11,743	28
43	15,283	0	561	0	0	0	0	(8)	(8)	—	7,129	7,758	29
62	16,739	0	1,071	0	0	0	0	62,055	57,504	—	9,066	9,261	30
52	18,211	0	886	0	0	0	0	(8)	(8)	—	9,897	9,966	31
32	16,159	0	991	0	0	0	0	(8)	(8)	—	9,062	9,319	32
68	18,730	0	758	0	0	0	0	78,531	77,878	—	9,095	9,335	33
72	22,715	0	1,114	0	0	0	0	104,387	104,387	—	12,362	12,362	34
37	5,072	11,993	38	1,352	2,090	0	0	—	—	67,297	10,783	13,276	35
43	21,942	0	1,147	0	0	0	0	(8)	(8)	—	12,147	11,867	36
34	20,492	0	1,103	0	0	0	0	73,849	67,872	—	10,151	10,151	37
79	22,978	0	1,267	0	0	0	0	82,255	82,255	—	12,204	12,430	38
52	22,320	0	1,270	0	0	0	0	78,214	68,427	—	11,095	10,764	39
55	17,003	0	924	0	0	0	0	(8)	(8)	—	8,757	9,078	40
26	18,054	0	840	0	0	0	0	(8)	(8)	—	9,039	9,218	41
44	20,859	0	969	0	0	0	0	46,189	40,934	—	10,699	10,627	42
46	25,631	5,782	0	5,201	1,558	0	32	436,149	374,534	—	25,848	25,960	43
60	21,135	6,566	0	3,987	1,187	0	1	253,557	242,450	—	21,741	22,011	44
53	15,562	0	1,095	0	0	0	0	57,080	55,406	—	8,160	8,589	45
64	20,732	6,205	0	3,956	1,414	0	0	234,216	216,867	—	20,644	20,834	46
73	/ 18,196	0	1,328	0	0	0	0	105,391	99,019	—	8,228	8,332	47
60	26,372	0	1,280	0	0	0	0	(8)	(8)	—	13,049	13,987	48
19	21,728	0	1,808	0	0	0	0	85,897	79,022	—	11,190	11,415	49
14	16,631	0	1,478	0	0	0	0	(8)	(8)	—	8,731	8,813	50
83	16,349	0	975	0	0	0	0	67,416	60,046	—	8,570	8,808	51
37	7,784	10,299	0	1,737	2,040	263	589	—	—	1,619,713	14,308	14,751	52
57	22,593	8,754	0	6,169	1,636	340	756	1,124,668	1,058,791	—	29,407	29,708	53
48	19,517	5,575	0	4,698	658	377	357	1,476,796	793,466	—	23,327	23,632	54
68	15,361	3,916	0	3,334	630	85	202	823,687	598,914	—	17,480	18,576	55
57	24,668	11,683	0	6,220	2,054	613	606	2,450,479	1,508,583	—	34,737	35,345	56
52	16,230	3,664	0	3,530	408	130	294	1,296,435	920,530	—	18,772	19,297	57
34	17,699	2,357	0	4,519	477	0	232	410,265	361,766	—	18,882	19,597	58
50	18,280	3,616	4	3,052	1,241	0	0	—	—	91,176	8,300	21,896	59
47	15,594	13,172	0	3,814	2,841	636	481	—	—	1,106,093	25,022	25,113	60
11	20,667	6,369	0	3,621	1,053	129	180	458,197	383,906	—	22,327	22,621	61
24	17,716	0	0	2,172	0	0	0	91,983	81,069	—	12,594	12,792	62
14	22,976	5,875	0	4,734	1,046	172	266	(8)	(8)	—	24,260	24,904	63
15	12,353	6,368	18	2,802	1,145	209	275	477,069	398,344	—	17,790	16,220	64
12	18,098	3,108	8	3,327	709	0	164	441,912	392,896	—	18,646	18,722	65
28	8,695	11,651	124	1,504	2,729	582	236	—	—	697,858	14,935	15,633	66
51	24,720	0	1,859	0	0	0	0	95,290	86,418	—	13,894	12,634	67
30	16,470	3,656	108	3,194	727	0	43	226,686	210,364	—	13,187	13,571	68
32	19,645	0	2,421	0	0	0	0	102,773	102,773	—	10,300	12,658	69
76	25,709	5,584	0	4,127	1,444	0	58	277,419	249,567	—	21,030	21,908	70
23	25,965	6,913	382	5,342	1,400	220	263	470,717	396,864	—	27,377	28,898	71
37	17,319	0	1,537	0	0	0	0	62,729	58,986	—	8,020	8,989	72
88	47,152	0	3,985	0	0	0	0	228,950	227,591	—	25,776	25,235	73
38	4,218	13,592	0	950	2,660	659	587	—	—	242,555	11,452	12,471	74
32	16,962	0	1,881	0	0	0	0	55,830	55,344	—	8,771	8,252	75
16	19,964	0	2,384	0	0	0	0	77,832	76,981	—	10,405	10,555	76
24	26,485	5,188	185	5,417	1,280	0	66	274,333	235,029	—	23,034	24,415	77

Table 217.—Selected statistics for degree-granting institutions enrolling more than 14,600 students in 1999—Continued

Line no.	Institution	State	Control[1]	Type[2]	Total enrollment, fall 1990	Total enrollment, fall 1995	Total enrollment, fall 1998	Total enrollment, fall 1999	Enrollment, by sex, fall 1999		Enrollment, by attendance status, fall 1999	
									Men	Women	Full-time	Part-time
1	2	3	4	5	6	7	8	9	10	11	12	13
78	University of Florida	Fla.	1	1	35,477	39,412	42,336	43,382	21,311	22,071	37,962	5,420
79	University of South Florida	Fla.	1	1	32,326	36,142	33,654	34,839	14,274	20,565	19,182	15,657
80	Valencia Community College	Fla.	1	2	18,438	23,569	24,655	26,376	11,429	14,947	9,256	17,120
81	Georgia State University	Ga.	1	1	23,336	24,274	22,686	23,410	9,343	14,067	12,688	10,722
82	University of Georgia	Ga.	1	1	28,395	30,149	30,009	30,912	13,768	17,144	26,678	4,234
83	University of Hawaii at Manoa	Hi.	1	1	18,799	19,769	17,004	17,612	7,783	9,829	12,439	5,173
84	Boise State University	Idaho	1	1	13,367	14,543	15,696	16,215	7,153	9,062	9,029	7,186
85	College of Du Page	Ill.	1	2	29,185	29,888	28,968	29,032	12,612	16,420	8,915	20,117
86	Depaul University	Ill.	2	1	15,711	17,133	18,565	19,549	8,793	10,756	11,875	7,674
87	Illinois State University	Ill.	1	1	22,662	19,756	20,394	20,470	8,453	12,017	17,215	3,255
88	Northern Illinois University	Ill.	1	1	24,509	22,218	22,473	22,843	10,233	12,610	16,950	5,893
89	Northwestern University	Ill.	2	1	17,041	17,780	17,428	17,041	8,641	8,400	13,834	3,207
90	Southern Illinois University, Carbondale	Ill.	1	1	24,078	22,418	22,251	22,323	12,399	9,924	18,163	4,160
91	Triton College	Ill.	1	2	16,759	15,362	17,815	18,697	8,164	10,533	3,603	15,094
92	University of Illinois at Chicago	Ill.	1	1	24,959	24,870	24,799	24,610	11,110	13,500	19,519	5,091
93	University of Illinois at Urbana	Ill.	1	1	38,163	38,420	38,307	38,851	20,573	18,278	34,551	4,300
94	William Rainey Harper College	Ill.	1	2	16,509	15,106	14,986	14,817	6,398	8,419	4,826	9,991
95	Ball State University	Ind.	1	1	20,343	20,014	18,924	18,638	8,598	10,040	15,580	3,058
96	Indiana University, Bloomington	Ind.	1	1	35,451	35,063	35,600	36,201	17,002	19,199	30,971	5,230
97	Indiana U.-Purdue U. at Indianapolis	Ind.	1	1	27,517	26,939	27,821	27,587	11,621	15,966	14,535	13,052
98	Purdue University, Main Campus	Ind.	1	1	37,588	36,427	38,757	39,471	22,975	16,496	34,084	5,387
99	Iowa State University	Iowa	1	1	25,737	24,673	25,585	26,110	14,520	11,590	22,307	3,803
100	University of Iowa	Iowa	1	1	28,785	28,052	28,705	28,846	13,644	15,202	22,516	6,330
101	Johnson County Community College	Kans.	1	2	13,740	15,477	15,572	16,046	7,279	8,767	4,857	11,189
102	Kansas State University	Kans.	1	1	21,137	19,681	20,885	21,543	11,175	10,368	17,043	4,500
103	University of Kansas, Main Campus	Kans.	1	1	26,434	25,036	25,155	25,406	12,016	13,390	19,848	5,558
104	Eastern Kentucky University	Ky.	1	1	15,290	15,703	15,366	14,976	6,096	8,880	10,558	4,418
105	University of Kentucky	Ky.	1	1	22,538	23,794	23,707	23,060	10,976	12,084	18,522	4,538
106	University of Louisville	Ky.	1	1	22,979	20,559	20,195	19,892	9,020	10,872	12,687	7,205
107	Western Kentucky University	Ky.	1	1	15,170	14,675	14,866	15,114	6,090	9,024	10,887	4,227
108	Louisiana St. U. & A.& M. & Hebert Laws Center	La.	1	1	26,112	26,573	30,533	31,639	15,008	16,631	26,742	4,897
109	Southeastern Louisiana University	La.	1	1	10,262	14,238	15,308	15,175	5,625	9,550	11,837	3,338
110	University of Louisiana at Lafayette	La.	1	1	15,764	16,902	16,933	16,351	7,134	9,217	12,722	3,629
111	University of New Orleans	La.	1	1	15,322	15,483	15,629	15,868	6,686	9,182	9,752	6,116
112	Johns Hopkins University	Md.	2	1	13,363	15,765	17,089	17,801	8,911	8,890	8,842	8,959
113	Towson State University	Md.	1	1	15,035	14,643	15,923	16,647	6,251	10,396	12,183	4,464
114	University of Maryland, College Park Campus	Md.	1	1	34,829	32,908	32,925	32,864	16,962	15,902	26,299	6,565
115	University of Maryland, University College	Md.	1	1	14,476	14,204	14,142	15,673	7,120	8,553	1,691	13,982
116	Boston College	Mass.	2	1	14,502	14,729	14,745	14,773	6,750	8,023	11,733	3,040
117	Boston University	Mass.	2	1	27,996	29,132	29,131	28,487	12,487	16,000	23,187	5,300
118	Harvard University	Mass.	2	1	22,851	24,687	24,373	24,214	12,504	11,710	17,819	6,395
119	Northeastern University	Mass.	2	1	30,510	24,605	24,027	23,556	11,653	11,903	15,375	8,181
120	University of Massachusetts, Amherst	Mass.	1	1	26,025	25,267	24,545	25,031	12,331	12,700	20,022	5,009
121	Central Michigan University	Mich.	1	1	18,286	23,575	25,595	26,321	11,016	15,305	17,385	8,936
122	Eastern Michigan University	Mich.	1	1	25,011	23,142	22,463	22,956	8,868	14,088	13,293	9,663
123	Grand Valley State University	Mich.	1	1	11,725	13,887	16,751	17,452	6,800	10,652	12,056	5,396
124	Lansing Community College	Mich.	1	2	22,343	16,404	16,443	16,677	7,587	9,090	4,634	12,043
125	Macomb Community College	Mich.	1	2	31,538	25,176	23,163	21,718	10,572	11,146	5,492	16,226
126	Michigan State University	Mich.	1	1	44,307	40,647	43,189	43,038	19,969	23,069	35,075	7,963
127	Oakland Community College, Bloomfield Hills	Mich.	1	2	28,069	25,913	24,237	23,244	9,515	13,729	5,527	17,717
128	Oakland University	Mich.	1	1	12,400	13,600	14,271	14,726	5,165	9,561	8,398	6,328
129	University of Michigan, Ann Arbor	Mich.	1	1	36,391	36,687	37,197	37,846	19,997	17,849	34,271	3,575
130	Wayne State University	Mich.	1	1	33,872	32,149	31,203	31,025	13,132	17,893	14,136	16,889
131	Western Michigan University	Mich.	1	1	26,989	26,537	26,575	27,744	12,462	15,282	18,925	8,819
132	University of Minnesota, Twin Cities	Minn.	1	1	57,168	51,445	46,973	45,361	21,577	23,784	28,887	16,474
133	Mississippi State University	Miss.	1	1	14,391	14,330	15,718	16,076	8,715	7,361	12,794	3,282
134	Southwest Missouri State University	Mo.	1	1	19,480	16,439	16,794	17,388	7,573	9,815	12,547	4,841
135	University of Missouri, Columbia	Mo.	1	1	25,058	22,356	22,780	22,930	10,958	11,972	19,689	3,241
136	University of Missouri, St. Louis	Mo.	1	1	15,393	15,972	15,880	15,594	5,994	9,600	5,964	9,630
137	University of Nebraska at Lincoln	Nebr.	1	1	24,453	24,320	22,408	22,142	11,620	10,522	18,013	4,129
138	Community College of Southern Nevada	Nev.	1	2	14,161	20,417	28,854	33,402	15,639	17,763	5,849	27,553
139	University of Nevada, Las Vegas	Nev.	1	1	17,937	18,842	21,001	21,820	9,669	12,151	10,671	11,149
140	University of New Hampshire, Main Campus	N.H.	1	1	13,260	15,466	14,538	14,677	5,955	8,722	11,262	3,415
141	Rutgers University, New Brunswick	N.J.	1	1	33,016	33,773	34,761	35,308	15,864	19,444	27,573	7,735
142	Albuquerque Technical-Vocational Institute	N.Mex.	1	2	9,739	15,225	16,245	16,202	6,937	9,265	5,107	11,095
143	New Mexico State University, Main Campus	N.Mex.	1	1	14,812	15,127	15,409	15,449	7,219	8,230	11,193	4,256
144	University of New Mexico, Main Campus	N.Mex.	1	1	23,950	24,605	23,852	24,374	10,359	14,015	15,830	8,544
145	Columbia University in the City of New York	N.Y.	2	1	18,242	19,302	20,504	21,167	10,500	10,667	16,951	4,216
146	CUNY, Bernard M. Baruch College	N.Y.	1	1	15,849	15,433	14,981	15,254	6,838	8,416	9,176	6,078
147	CUNY, Borough of Manhattan Community College	N.Y.	1	2	14,819	16,334	16,022	14,993	5,456	9,537	9,619	5,374
148	CUNY, Brooklyn College	N.Y.	1	1	16,605	16,282	14,973	15,057	5,309	9,748	7,077	7,980
149	CUNY, Hunter College	N.Y.	1	1	19,639	18,250	19,611	20,001	5,646	14,355	10,535	9,466
150	CUNY, Kingsborough Community College	N.Y.	1	2	13,809	14,553	15,175	15,083	5,977	9,106	6,542	8,541
151	CUNY, Queens College	N.Y.	1	1	18,072	17,522	16,195	15,686	5,442	10,244	7,556	8,130
152	Monroe Community College	N.Y.	1	2	13,545	14,633	14,541	14,815	7,046	7,769	6,876	7,939
153	Nassau Community College	N.Y.	1	2	21,537	21,737	20,337	20,099	9,473	10,626	10,917	9,182
154	New York University	N.Y.	2	1	32,813	35,835	36,719	37,132	15,627	21,505	26,213	10,919
155	Saint John's University, New York	N.Y.	2	1	19,105	17,393	18,336	18,478	7,855	10,623	12,241	6,237

Table 217.—Selected statistics for degree-granting institutions enrolling more than 14,600 students in 1999—Continued

Percent minority enrollment, 1999[3]	Enrollment, by level, fall 1999		Earned degrees conferred, 1999–2000					Financial statistics, 1998–99, in thousands[4]			Full-time-equivalent enrollment, fall 1998	Full-time-equivalent enrollment, fall 1999	Line no.
	Undergraduate	Postbaccalaureate	Associate	Bachelor's	Master's	First-professional	Doctor's	Current-fund expenditures, public institutions	Educational and general expenditures, public institutions	Total expenditures, private institutions			
14	15	16	17	18	19	20	21	22	23	24	25	26	27
24	31,633	11,749	419	7,654	2,138	824	516	1,070,844	988,245	—	39,059	40,120	78
25	26,569	8,270	177	4,733	1,544	93	131	548,574	487,025	—	24,116	25,282	79
38	26,376	0	2,954	0	0	0	0	91,784	82,639	—	13,944	15,004	80
36	16,309	7,101	0	2,628	1,766	171	107	308,782	293,779	—	16,212	16,898	81
11	24,040	6,872	0	4,867	1,107	373	352	787,141	728,002	—	27,523	28,325	82
75	11,939	5,673	0	2,508	1,040	128	153	471,783	423,322	—	14,070	14,398	83
9	14,576	1,639	162	1,400	275	0	6	153,721	124,156	—	11,184	11,875	84
24	29,032	0	1,558	0	0	0	0	98,233	89,024	—	15,418	15,669	85
32	11,776	7,773	0	2,115	1,964	338	25	—	—	218,058	13,833	14,896	86
12	17,705	2,765	0	4,070	657	0	43	259,355	209,980	—	18,329	18,456	87
22	16,893	5,950	0	3,277	1,239	81	105	288,599	230,859	—	18,703	19,166	88
27	9,477	7,564	0	2,007	2,159	427	321	—	—	758,327	15,279	15,076	89
21	17,829	4,494	214	4,429	813	191	119	360,808	324,990	—	19,734	19,749	90
37	18,697	0	727	0	0	0	0	55,556	51,029	—	8,568	8,671	91
48	16,170	8,440	0	2,928	1,587	513	201	1,046,227	723,013	—	21,607	21,467	92
25	28,916	9,935	0	6,370	2,281	278	597	1,041,916	920,103	—	35,631	36,188	93
30	14,817	0	1,092	0	0	0	0	72,389	66,044	—	8,183	8,180	94
8	16,114	2,524	260	2,822	672	0	65	262,479	226,777	—	16,928	16,752	95
10	28,511	7,690	72	5,203	1,655	259	409	930,667	559,014	—	32,261	32,972	96
14	20,416	7,171	572	2,156	689	604	43	645,567	533,272	—	19,764	19,722	97
10	32,526	6,945	858	5,470	1,286	176	468	822,049	690,316	—	35,342	36,178	98
8	21,503	4,607	0	4,039	758	99	238	621,336	511,991	—	23,203	23,764	99
10	19,537	9,309	0	3,857	1,294	550	317	1,257,163	656,114	—	24,858	24,949	100
11	16,046	0	880	0	0	0	0	85,668	79,590	—	8,367	8,614	101
8	17,903	3,640	99	3,154	633	97	132	323,061	299,931	—	18,036	18,778	102
10	18,995	6,411	0	3,235	1,267	277	246	417,935	354,632	—	21,702	21,944	103
5	13,057	1,919	226	1,663	426	0	0	158,957	142,608	—	12,701	12,278	104
9	16,841	6,219	0	3,187	1,060	369	249	978,773	654,713	—	20,796	20,266	105
16	14,694	5,198	80	1,750	996	310	76	411,346	361,598	—	15,658	15,500	106
9	12,912	2,202	273	1,753	511	0	0	136,357	122,845	—	12,273	12,520	107
17	25,911	5,728	0	3,830	1,064	235	275	520,375	441,475	—	27,338	28,643	108
16	13,476	1,699	73	1,536	318	0	0	79,654	70,956	—	13,231	13,132	109
23	14,900	1,451	78	1,873	323	0	33	128,718	110,465	—	14,627	14,156	110
35	11,872	3,996	0	1,343	708	0	63	132,236	121,729	—	11,798	12,107	111
22	5,498	12,303	0	1,318	2,774	112	351	—	—	1,695,940	11,691	12,275	112
17	13,981	2,666	0	2,420	579	0	0	176,356	132,949	—	13,284	13,900	113
33	24,717	8,147	0	4,971	1,634	0	461	794,012	687,963	—	28,515	28,794	114
44	11,603	4,070	48	2,075	743	0	0	69,113	68,859	—	6,462	7,176	115
18	10,025	4,748	0	2,416	1,150	300	116	—	—	333,192	12,741	12,906	116
24	18,018	10,469	8	3,773	3,063	603	274	—	—	853,056	25,660	25,239	117
33	10,148	14,066	12	1,824	2,852	800	602	—	—	1,784,112	20,214	20,293	118
19	19,228	4,328	244	2,534	1,316	189	76	—	—	341,968	18,573	18,571	119
17	19,372	5,659	86	4,038	999	0	276	534,568	427,439	—	21,310	21,901	120
14	17,866	8,455	0	2,944	2,542	0	25	274,289	232,580	—	19,940	20,736	121
20	18,043	4,913	0	2,739	1,185	0	10	203,659	175,567	—	16,523	17,029	122
9	14,229	3,223	0	2,019	736	0	0	132,675	117,288	—	13,447	14,123	123
17	16,677	0	591	0	0	0	0	69,609	68,975	—	8,441	8,677	124
9	21,718	0	2,342	0	0	0	0	80,384	72,087	—	11,429	10,940	125
16	33,966	9,072	0	6,897	1,893	315	444	1,002,881	834,536	—	38,330	38,150	126
21	23,244	0	1,372	0	0	0	0	109,932	103,211	—	11,907	11,475	127
12	11,654	3,072	0	1,715	877	0	11	123,545	105,266	—	10,337	10,857	128
27	24,493	13,353	0	5,603	2,783	627	629	2,559,188	1,386,888	—	34,997	35,623	129
38	18,393	12,632	0	2,327	2,475	458	222	532,935	515,976	—	21,206	20,777	130
10	21,829	5,915	0	3,866	1,422	0	55	307,481	232,359	—	21,127	22,279	131
15	32,342	13,019	0	4,880	2,814	708	604	1,564,977	1,447,367	—	36,472	35,329	132
20	12,879	3,197	0	2,418	692	49	128	354,291	318,695	—	13,747	14,056	133
6	14,515	2,873	0	2,117	550	0	0	159,459	136,841	—	13,994	14,413	134
11	17,811	5,119	0	3,840	905	314	256	845,383	534,333	—	20,658	20,928	135
17	12,986	2,608	0	1,695	508	44	37	128,147	116,255	—	9,743	9,766	136
7	17,804	4,338	3	3,115	687	119	251	463,027	367,436	—	19,761	19,594	137
39	33,402	0	840	0	0	0	0	68,990	68,604	—	13,027	15,100	138
28	17,173	4,647	0	2,594	728	0	31	219,779	174,005	—	14,797	15,050	139
4	11,893	2,784	180	2,478	575	0	49	284,499	226,455	—	12,442	12,563	140
34	27,799	7,509	0	5,601	1,403	83	371	—	—	—	29,736	30,501	141
54	16,202	0	843	0	0	0	0	61,748	60,939	—	8,761	8,832	142
47	12,831	2,618	84	1,830	592	0	76	273,997	233,669	—	12,734	12,854	143
40	16,874	7,500	7	2,723	976	226	184	806,221	469,137	—	18,493	19,117	144
29	7,763	13,404	0	1,572	3,914	622	461	—	—	1,418,056	18,161	18,581	145
66	12,598	2,656	0	2,168	824	0	0	96,703	96,162	—	11,353	11,557	146
90	14,993	0	1,876	0	0	0	0	80,757	80,478	—	11,883	11,423	147
48	10,183	4,874	0	1,396	741	0	0	119,780	119,321	—	10,280	10,108	148
55	15,568	4,433	0	1,813	941	0	0	132,454	132,211	—	13,951	14,199	149
52	15,083	0	1,313	0	0	0	0	74,063	73,583	—	9,555	9,410	150
39	11,566	4,120	0	2,058	1,040	0	0	129,274	127,292	—	11,233	10,680	151
22	14,815	0	2,039	0	0	0	0	85,652	79,285	—	9,397	9,541	152
32	20,099	0	2,899	0	0	0	0	132,290	132,290	—	14,045	14,000	153
37	18,204	18,928	593	3,972	4,959	883	402	—	—	1,402,433	29,844	30,422	154
39	14,035	4,443	191	2,180	863	310	50	—	—	203,844	14,612	14,709	155

Table 217.—Selected statistics for degree-granting institutions enrolling more than 14,600 students in 1999—Continued

Line no.	Institution	State	Control[1]	Type[2]	Total enrollment, fall 1990	Total enrollment, fall 1995	Total enrollment, fall 1998	Total enrollment, fall 1999	Enrollment, by sex, fall 1999		Enrollment, by attendance status, fall 1999	
									Men	Women	Full-time	Part-time
1	2	3	4	5	6	7	8	9	10	11	12	13
156	SUNY at Albany	N.Y.	1	1	17,400	15,996	16,866	16,901	7,984	8,917	12,763	4,138
157	SUNY at Buffalo	N.Y.	1	1	27,638	24,493	23,370	24,256	12,706	11,550	19,018	5,238
158	SUNY at Stony Brook	N.Y.	1	1	17,624	17,665	18,628	19,139	9,029	10,110	14,464	4,675
159	Syracuse University	N.Y.	2	1	21,900	18,804	18,293	18,535	8,483	10,052	14,348	4,187
160	Central Piedmont Community College	N.C.	1	2	16,311	15,176	14,901	14,811	6,493	8,318	4,131	10,680
161	East Carolina University	N.C.	1	1	17,564	17,923	18,263	18,811	7,631	11,180	15,532	3,279
162	North Carolina State University at Raleigh	N.C.	1	1	27,199	28,250	27,960	28,011	16,257	11,754	20,496	7,515
163	University of North Carolina at Chapel Hill	N.C.	1	1	23,878	24,439	24,255	24,653	10,024	14,629	20,573	4,080
164	University of North Carolina at Charlotte	N.C.	1	1	14,699	16,069	16,861	16,950	7,707	9,243	11,244	5,706
165	Bowling Green State University, Main Campus	Ohio	1	1	18,657	17,554	17,735	18,199	7,626	10,573	15,353	2,846
166	Cleveland State University	Ohio	1	1	19,214	15,566	16,326	15,683	7,043	8,640	8,605	7,078
167	Columbus State Community College	Ohio	1	2	13,290	16,013	16,600	17,662	7,559	10,103	6,639	11,023
168	Cuyahoga Community College District	Ohio	1	2	23,157	22,785	18,415	19,435	6,897	12,538	6,730	12,705
169	Kent State University, Main Campus	Ohio	1	1	24,434	20,972	20,947	21,653	8,585	13,068	16,324	5,329
170	Miami University, Oxford	Ohio	1	1	15,835	15,745	16,328	16,575	7,400	9,175	15,322	1,253
171	Ohio State University, Main Campus	Ohio	1	1	54,087	48,676	48,511	48,003	24,404	23,599	39,609	8,394
172	Ohio University, Main Campus	Ohio	1	1	18,505	19,727	19,647	19,638	9,005	10,633	17,822	1,816
173	Sinclair Community College	Ohio	1	2	16,367	17,344	17,325	18,345	7,920	10,425	6,079	12,266
174	University of Akron, Main Campus	Ohio	1	1	28,801	23,640	21,851	21,687	9,809	11,878	13,958	7,729
175	University of Cincinnati, Main Campus	Ohio	1	1	31,013	28,373	28,162	27,467	13,849	13,618	19,471	7,996
176	University of Toledo	Ohio	1	1	24,691	21,991	20,411	20,037	9,327	10,710	13,790	6,247
177	Oklahoma State University, Main Campus	Okla.	1	1	19,827	19,196	20,323	21,014	11,249	9,765	15,752	5,262
178	Tulsa Junior College	Okla.	1	2	17,955	18,632	16,503	15,971	6,627	9,344	4,736	11,235
179	University of Oklahoma, Norman Campus	Okla.	1	1	20,774	22,299	23,488	23,694	12,085	11,609	17,353	6,341
180	Oregon State University	Oreg.	1	1	16,361	14,449	15,176	16,041	8,548	7,493	14,097	1,944
181	Portland Community College	Oreg.	1	2	21,888	26,540	21,353	22,401	10,261	12,140	5,692	16,709
182	Portland State University	Oreg.	1	1	16,921	15,600	17,186	18,184	7,776	10,408	9,293	8,891
183	University of Oregon	Oreg.	1	1	18,840	17,470	17,318	17,236	8,134	9,102	14,876	2,360
184	Community College of Allegheny County	Pa.	1	2	20,553	17,723	16,477	15,230	6,780	8,450	5,747	9,483
185	Community College of Philadelphia	Pa.	1	2	15,151	17,865	16,501	16,199	5,782	10,417	5,129	11,070
186	Pennsylvania State University, Main Campus	Pa.	1	1	38,864	39,646	41,114	40,658	21,976	18,682	36,720	3,938
187	Temple University	Pa.	1	1	29,714	29,028	27,539	28,124	12,216	15,908	18,726	9,398
188	University of Pennsylvania	Pa.	2	1	21,868	22,148	21,729	21,855	10,905	10,950	17,854	4,001
189	University of Pittsburgh, Main Campus	Pa.	1	1	28,120	26,083	25,872	26,162	12,342	13,820	20,459	5,703
190	Community College of Rhode Island	R.I.	1	2	16,620	15,889	15,366	15,610	5,938	9,672	4,983	10,627
191	Clemson University	S.C.	1	1	15,714	16,318	16,685	16,982	9,181	7,801	14,545	2,437
192	University of South Carolina at Columbia	S.C.	1	1	25,613	26,346	25,250	23,430	10,277	13,153	17,520	5,910
193	Middle Tennessee State University	Tenn.	1	1	14,865	17,424	18,432	18,993	8,726	10,267	14,705	4,288
194	University of Memphis	Tenn.	1	1	20,681	19,975	20,100	20,301	8,518	11,783	13,362	6,939
195	University of Tennessee, Knoxville	Tenn.	1	1	26,055	25,723	26,042	26,437	12,741	13,696	21,968	4,469
196	Austin Community College	Tex.	1	2	24,251	25,620	25,626	26,135	12,046	14,089	6,596	19,539
197	Central Texas College	Tex.	1	2	4,815	14,746	15,238	14,636	8,557	6,079	2,805	11,831
198	El Paso Community College	Tex.	1	2	17,081	21,856	20,744	18,680	7,321	11,359	7,809	10,871
199	Houston Community College System	Tex.	1	2	36,437	39,541	37,616	37,882	16,922	20,960	10,558	27,324
200	North Harris-Montgomery Community College	Tex.	1	2	15,653	19,251	20,998	22,113	8,924	13,189	7,968	14,145
201	San Antonio College	Tex.	1	2	20,083	19,319	18,585	19,356	8,126	11,230	7,358	11,998
202	Southwest Texas State University	Tex.	1	1	20,940	20,917	21,481	21,769	9,691	12,078	16,058	5,711
203	Tarrant County Junior College	Tex.	1	2	28,161	25,953	25,570	25,968	11,058	14,910	9,191	16,777
204	Texas A&M University	Tex.	1	1	41,171	41,790	43,389	43,817	23,466	20,351	39,565	4,252
205	Texas Tech University	Tex.	1	1	25,363	24,185	24,158	24,249	12,973	11,276	20,698	3,551
206	The University of Texas at Arlington	Tex.	1	1	24,782	22,121	18,662	19,149	9,145	10,004	11,532	7,617
207	The University of Texas at Austin	Tex.	1	1	49,617	47,905	48,906	49,009	24,678	24,331	43,119	5,890
208	The University of Texas at El Paso	Tex.	1	1	16,524	16,275	14,677	14,695	6,784	7,911	9,612	5,083
209	The University of Texas at San Antonio	Tex.	1	1	15,489	17,389	18,397	18,608	8,317	10,291	11,361	7,247
210	University of Houston, University Park	Tex.	1	1	33,115	30,766	32,296	32,651	15,118	17,533	20,739	11,912
211	University of North Texas	Tex.	1	1	27,160	25,114	25,514	26,493	11,988	14,505	17,864	8,629
212	Brigham Young University	Utah	2	1	31,662	31,300	32,202	32,731	15,707	17,024	28,230	4,501
213	Salt Lake Community College	Utah	1	2	13,344	19,568	18,691	20,799	11,024	9,775	6,823	13,976
214	University of Utah	Utah	1	1	24,922	27,137	25,214	25,781	14,205	11,576	16,219	9,562
215	Utah State University	Utah	1	1	15,155	19,861	19,322	20,865	9,794	11,071	12,610	8,255
216	Utah Valley State College	Utah	1	1	7,879	14,041	18,174	20,062	10,795	9,267	8,811	11,251
217	Weber State University	Utah	1	1	13,449	13,996	13,900	14,984	7,163	7,821	8,956	6,028
218	George Mason University	Va.	1	1	20,308	24,172	24,010	24,180	10,580	13,600	12,412	11,768
219	James Madison University	Va.	1	1	11,251	12,121	14,996	15,223	6,521	8,702	13,711	1,512
220	Northern Virginia Community College	Va.	1	2	35,194	37,144	36,216	36,655	16,297	20,358	10,191	26,464
221	Old Dominion University	Va.	1	1	16,729	17,077	18,552	18,873	8,265	10,608	10,164	8,709
222	Tidewater Community College	Va.	1	2	17,726	16,780	18,260	19,024	7,873	11,151	5,831	13,193
223	University of Virginia, Main Campus	Va.	1	1	21,110	21,728	22,099	22,433	9,880	12,553	17,885	4,548
224	Virginia Commonwealth University	Va.	1	1	21,764	21,349	23,125	23,481	9,248	14,233	14,809	8,672
225	Virginia Polytechnic Institute and State U.	Va.	1	1	25,568	25,492	27,663	27,910	16,451	11,459	24,884	3,026
226	University of Washington, Seattle	Wash.	1	1	33,854	33,996	35,108	35,559	17,243	18,316	29,723	5,836
227	Washington State University	Wash.	1	1	18,412	19,571	20,641	20,799	10,116	10,683	16,796	4,003
228	Marshall University	W.Va.	1	1	12,407	12,461	16,008	15,633	7,025	8,608	10,209	5,424
229	West Virginia University	W.Va.	1	1	20,854	21,517	22,238	22,315	11,187	11,128	18,136	4,179
230	Milwaukee Area Technical College	Wisc.	1	2	21,600	21,903	19,648	18,355	8,631	9,724	4,825	13,530
231	University of Wisconsin, Madison	Wisc.	1	1	43,209	39,005	39,565	40,099	19,386	20,713	34,687	5,412
232	University of Wisconsin, Milwaukee	Wisc.	1	1	26,020	21,891	22,484	23,149	10,227	12,922	15,321	7,828

—Not applicable.

[1] Publicly controlled institutions are identified by a "1;" private, not-for-profit, by a "2;" and private, for-profit, by a "3."

[2] The types of institutions are identified as follows: "1" for 4-year institutions; and "2" for 2-year institutions.

[3] Proportion based on enrollment of U.S. citizens.

[4] Due to changes in survey instruments, public colleges are to report data on current-fund expenditures and educational and general expenditures, and private colleges are to report data on total expenditures.

[5] Data for totals of enrollment in 1990 and 1995 are for institutions of higher education, rather than degree-granting institutions.

Table 217.—Selected statistics for degree-granting institutions enrolling more than 14,600 students in 1999—Continued

Percent minority enrollment, 1999[3]	Enrollment, by level, fall 1999		Earned degrees conferred, 1999–2000					Financial statistics, 1998–99, in thousands[4]			Full-time-equivalent enrollment, fall 1998	Full-time-equivalent enrollment, fall 1999	Line no.
	Undergraduate	Postbaccalaureate	Associate	Bachelor's	Master's	First-professional	Doctor's	Current-fund expenditures, public institutions	Educational and general expenditures, public institutions	Total expenditures, private institutions			
14	15	16	17	18	19	20	21	22	23	24	25	26	27
23	11,737	5,164	0	2,391	1,190	0	155	269,362	232,972	—	13,935	14,308	156
22	16,258	7,998	15	3,077	1,367	438	303	546,706	500,671	—	19,946	21,002	157
41	12,690	6,449	0	2,270	1,263	138	244	854,436	453,360	—	15,829	16,208	158
18	12,469	6,066	1	2,370	1,473	231	147	—	—	399,749	15,595	15,962	159
32	14,811	0	601	0	0	0	0	52,721	46,578	—	7,712	7,717	160
17	15,246	3,565	0	2,744	917	71	10	349,379	219,108	—	16,217	16,778	161
18	21,684	6,327	177	3,710	1,166	73	316	713,962	620,917	—	23,112	23,382	162
18	15,434	9,219	0	3,387	1,723	586	425	1,179,286	905,039	—	21,572	22,112	163
24	14,195	2,755	0	2,329	687	0	19	175,074	134,359	—	13,406	13,461	164
8	15,444	2,755	0	2,725	848	0	93	238,530	181,542	—	16,061	16,440	165
27	10,457	5,226	0	1,404	909	232	32	167,565	153,676	—	11,254	11,334	166
23	17,662	0	1,207	0	0	0	0	75,354	69,478	—	9,537	10,340	167
35	19,435	0	1,506	0	0	0	0	131,494	124,796	—	10,225	10,996	168
10	17,275	4,378	0	2,922	1,000	0	156	250,211	200,878	—	17,612	18,378	169
8	15,288	1,287	196	3,705	479	0	50	265,618	192,895	—	15,449	15,814	170
16	36,092	11,911	325	6,746	2,310	679	620	1,689,602	1,103,455	—	43,058	42,864	171
6	16,554	3,084	50	3,899	966	102	120	325,726	263,796	—	18,531	18,526	172
22	18,345	0	1,060	0	0	0	0	83,677	76,989	—	9,776	10,197	173
18	17,675	4,012	570	1,946	927	151	114	256,719	226,262	—	17,096	17,005	174
19	20,381	7,086	292	2,812	1,185	272	238	559,706	500,788	—	23,107	22,586	175
18	16,225	3,812	290	2,252	785	182	85	240,613	209,798	—	16,405	16,242	176
15	16,810	4,204	0	2,836	908	72	185	371,641	296,757	—	17,522	17,792	177
18	15,971	0	1,361	0	0	0	0	69,950	63,012	—	8,505	8,508	178
24	17,126	6,568	0	2,748	1,501	201	167	370,455	303,702	—	19,498	19,744	179
15	13,168	2,873	0	2,599	588	41	158	387,618	340,963	—	13,885	14,853	180
21	22,401	0	1,115	0	0	0	0	110,938	102,134	—	10,906	11,302	181
19	12,696	5,488	0	2,148	1,092	0	31	158,182	139,313	—	11,925	12,730	182
14	13,610	3,626	0	3,066	831	184	138	293,977	233,063	—	15,844	15,791	183
17	15,230	0	1,278	0	0	0	0	85,607	82,267	—	9,645	8,931	184
66	16,199	0	1,048	0	0	0	0	81,579	81,043	—	8,988	8,846	185
12	34,505	6,153	70	8,981	1,183	0	513	1,012,766	875,419	—	38,659	38,230	186
37	18,175	9,949	10	3,119	1,469	747	263	1,260,629	472,841	—	21,727	22,363	187
25	11,814	10,041	15	2,804	2,252	589	427	—	—	2,959,950	19,296	19,412	188
15	17,168	8,994	0	2,978	1,974	541	316	827,842	770,246	—	22,199	22,630	189
17	15,610	0	1,185	0	0	0	0	64,045	59,548	—	8,408	8,551	190
10	13,528	3,456	0	2,554	858	0	116	391,364	331,881	—	14,994	15,462	191
22	15,551	7,879	12	2,973	2,010	388	246	404,219	354,282	—	20,814	19,786	192
14	17,037	1,956	4	2,427	477	0	7	144,146	128,837	—	15,778	16,376	193
34	15,428	4,873	0	1,953	981	160	109	206,164	195,629	—	15,899	16,053	194
9	20,259	6,178	0	3,681	1,733	226	286	524,460	460,434	—	22,970	23,679	195
33	26,135	0	768	0	0	0	0	94,249	93,162	—	12,912	13,156	196
50	14,636	0	2,101	0	0	0	0	57,126	50,976	—	6,729	6,777	197
89	18,680	0	734	0	0	0	0	93,643	92,569	—	11,436	11,459	198
65	37,882	0	1,003	0	0	0	0	158,800	156,346	—	19,770	19,732	199
30	22,113	0	859	0	0	0	0	84,066	81,356	—	11,908	12,717	200
58	19,356	0	737	0	0	0	0	64,845	64,542	—	11,024	11,386	201
26	18,856	2,913	0	3,421	776	0	2	179,377	139,666	—	17,860	18,278	202
28	25,968	0	1,804	0	0	0	0	109,133	101,094	—	14,539	14,824	203
16	36,082	7,735	0	7,512	1,388	118	490	1,032,818	905,052	—	40,777	41,200	204
16	20,227	4,022	0	3,587	835	180	141	326,061	274,475	—	22,074	22,077	205
35	15,266	3,883	0	2,863	988	0	78	178,993	162,274	—	14,113	14,514	206
30	37,159	11,650	0	7,826	2,545	512	659	999,584	881,317	—	45,352	45,452	207
81	12,534	2,161	0	1,744	440	0	20	156,861	134,986	—	11,466	11,603	208
54	15,796	2,812	0	2,454	598	0	4	131,755	125,012	—	13,914	14,193	209
51	24,672	7,979	0	3,551	1,389	465	204	346,077	300,779	—	24,942	25,438	210
22	20,449	6,044	0	3,406	1,128	0	160	225,515	191,179	—	20,243	21,186	211
6	30,037	2,694	0	7,194	1,054	142	64	—	—	580,187	29,184	29,989	212
11	20,799	0	1,968	0	0	0	0	87,445	78,088	—	10,195	11,515	213
10	20,840	4,941	0	3,639	933	240	215	1,177,096	786,876	—	19,470	20,011	214
4	17,228	3,637	72	2,648	726	0	71	298,457	270,331	—	14,883	15,828	215
5	20,062	0	1,655	414	0	0	0	85,004	74,133	—	12,115	13,351	216
7	14,813	171	1,259	1,678	77	0	0	95,943	85,776	—	10,683	11,383	217
28	15,262	8,918	0	2,792	1,915	206	132	259,313	205,746	—	16,575	16,946	218
11	14,156	1,067	0	3,082	367	0	4	191,036	115,787	—	13,938	14,295	219
40	36,655	0	1,811	0	0	0	0	99,624	98,820	—	18,529	19,076	220
29	13,065	5,808	0	2,170	1,200	0	66	175,525	152,383	—	13,324	13,500	221
36	19,024	0	1,434	0	0	0	0	58,189	56,818	—	9,895	10,260	222
18	13,570	8,863	0	3,132	1,307	516	343	1,120,559	570,089	—	19,549	19,569	223
30	15,825	7,656	0	2,222	1,271	338	112	465,845	379,237	—	17,900	18,156	224
13	21,812	6,098	49	4,770	1,395	88	309	620,166	518,395	—	25,699	26,001	225
31	25,638	9,921	0	6,148	2,021	428	486	1,776,932	1,192,683	—	31,542	32,029	226
14	17,087	3,712	0	3,689	670	160	118	451,226	397,557	—	18,491	18,368	227
6	11,688	3,945	264	1,226	861	44	2	134,400	117,686	—	12,419	12,284	228
7	15,417	6,898	0	2,824	1,440	271	132	416,518	363,662	—	19,392	19,692	229
33	18,355	0	1,262	0	0	0	0	142,262	131,824	—	9,774	9,368	230
10	29,336	10,763	0	5,550	1,744	510	729	1,296,794	1,189,062	—	36,533	36,825	231
17	18,661	4,488	0	2,532	1,172	0	78	273,487	248,946	—	17,609	18,359	232

[6] Data imputed using alternative methods. (See *Guide to Sources* for details.)

[7] Data not available.

[8] Data not reported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions," "Finance," and "Fall Enrollment" surveys. (This table was prepared September 2001.)

Table 218.—Enrollment and degrees conferred in women's colleges, by institution: Fall 1999 and 1999–2000

Institution[1]	State	Type and control[2]	Enrollment, fall 1999							Number of degrees conferred to women, 1999–2000			
			Total	Women	Percent women	Men, full-time	Women, full-time	Men, part-time	Women, part-time	Associate	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total	—	—	**101,386**	**93,488**	**92.2**	**2,837**	**60,615**	**5,061**	**32,873**	**1,031**	**14,887**	**5,664**	**57**
Judson College	Ala.	3	308	301	97.7	3	259	4	42	0	50	0	0
Mills College	Calif.	3	1,122	1,042	92.9	69	969	11	73	0	245	106	0
Mount Saint Mary's College	Calif.	3	2,066	1,881	91.0	66	1,296	119	585	143	291	46	0
Scripps College	Calif.	3	760	757	99.6	3	747	0	10	0	150	0	0
Saint Joseph College	Conn.	3	1,740	1,653	95.0	12	759	75	894	0	199	136	0
Trinity College	D.C.	3	1,522	1,442	94.7	12	652	68	790	0	152	147	0
Agnes Scott College	Ga.	3	887	885	99.8	0	844	2	41	0	207	10	0
Brenau University	Ga.	3	2,392	1,931	80.7	148	1,115	313	816	0	357	191	0
Spelman College	Ga.	3	2,065	2,065	100.0	0	2,008	0	57	0	397	0	0
Wesleyan College	Ga.	3	607	605	99.7	0	448	2	157	0	93	8	0
Lexington College	Ill.	4	43	43	100.0	0	41	0	2	10	0	0	0
Saint Mary-of-the-Woods College	Ind.	3	1,356	1,337	98.6	0	396	19	941	5	131	4	0
Saint Mary's College	Ind.	3	1,417	1,415	99.9	0	1,359	2	56	0	299	0	0
Midway College	Ky.	3	816	754	92.4	20	475	42	279	84	116	0	0
College of Notre Dame of Maryland	Md.	3	3,139	2,797	89.1	18	735	324	2,062	0	379	197	0
Hood College	Md.	3	1,774	1,399	78.9	52	658	323	741	0	166	114	0
Bay Path College	Mass.	3	656	656	100.0	0	436	0	220	62	100	0	0
Emmanuel College	Mass.	3	1,489	1,313	88.2	51	680	125	633	0	282	75	0
Lesley College	Mass.	3	7,049	5,862	83.2	460	1,386	727	4,476	2	350	1,996	5
Mount Holyoke College	Mass.	3	1,982	1,971	99.4	3	1,899	8	72	0	485	0	0
Pine Manor College	Mass.	3	329	329	100.0	0	314	0	15	12	43	0	0
Regis College	Mass.	3	1,131	1,116	98.7	5	754	10	362	22	226	46	0
Simmons College	Mass.	3	3,295	3,024	91.8	68	1,634	203	1,390	0	292	637	5
Smith College	Mass.	3	3,168	3,115	98.3	51	3,025	2	90	0	667	149	4
Wellesley College	Mass.	3	2,333	2,320	99.4	0	2,240	13	80	0	627	0	0
College of Saint Benedict	Minn.	3	2,000	1,999	100.0	0	1,952	1	47	0	466	0	0
College of St Catherine, St Paul	Minn.	3	3,443	3,344	97.1	26	2,282	73	1,062	213	539	180	0
Blue Mountain College	Miss.	3	435	357	82.1	71	271	7	86	0	95	0	0
Mississippi University for Women	Miss.	1	2,953	2,475	83.8	242	1,455	236	1,020	23	339	52	0
Cottey College	Mo.	4	279	279	100.0	0	272	0	7	103	0	0	0
Stephens College	Mo.	3	788	730	92.6	19	458	39	272	6	119	11	0
College of Saint Mary	Nebr.	3	1,071	989	92.3	0	559	82	430	45	130	0	0
College of Saint Elizabeth	N.J.	3	1,810	1,657	91.5	4	618	149	1,039	0	239	72	0
Georgian Court College	N.J.	3	2,420	2,109	87.1	62	1,046	249	1,063	0	309	124	0
Barnard College	N.Y.	3	2,318	2,318	100.0	0	2,250	0	68	0	627	0	0
College of New Rochelle	N.Y.	3	6,601	5,730	86.8	640	4,194	231	1,536	0	914	377	0
Marymount College	N.Y.	3	898	854	95.1	13	670	31	184	0	191	0	0
Wells College	N.Y.	3	404	400	99.0	1	382	3	18	0	71	0	0
Bennett College	N.C.	3	640	640	100.0	0	633	0	7	0	68	0	0
Meredith College	N.C.	3	2,643	2,626	99.4	0	1,862	17	764	0	426	37	0
Peace College	N.C.	3	583	583	100.0	0	551	0	32	81	79	0	0
Salem College	N.C.	3	1,023	991	96.9	6	680	26	311	0	193	25	0
Notre Dame College of Ohio	Ohio	3	705	669	94.9	1	221	35	448	3	88	5	0
Ursuline College	Ohio	3	1,259	1,164	92.5	22	496	73	668	0	224	55	0
Bryn Mawr College	Pa.	3	1,779	1,676	94.2	59	1,460	44	216	0	310	107	17
Carlow College	Pa.	3	2,112	1,955	92.6	52	771	105	1,184	0	284	128	0
Cedar Crest College	Pa.	3	1,679	1,587	94.5	10	853	82	734	1	292	0	0
Chatham College	Pa.	3	1,009	932	92.4	58	720	19	212	0	118	94	0
Chestnut Hill College	Pa.	3	1,592	1,353	85.0	71	609	168	744	0	147	115	0
Harcum College	Pa.	4	644	584	90.7	42	400	18	184	163	0	0	0
Immaculata College	Pa.	3	3,006	2,443	81.3	181	1,195	382	1,248	25	289	71	26
Moore College of Art and Design	Pa.	3	502	495	98.6	0	394	7	101	0	96	0	0
Rosemont College	Pa.	3	1,187	1,044	88.0	0	521	143	523	0	212	47	0
Seton Hill College	Pa.	3	1,272	1,063	83.6	115	649	94	414	0	150	11	0
Wilson College	Pa.	3	819	702	85.7	8	366	109	336	25	73	0	0
Columbia College	S.C.	3	1,367	1,342	98.2	16	1,184	9	158	0	149	9	0
Converse College	S.C.	3	1,514	1,408	93.0	27	803	79	605	0	165	151	0
Hollins University	Va.	3	1,084	1,034	95.4	16	845	34	189	0	161	58	0
Mary Baldwin College	Va.	3	1,556	1,485	95.4	20	1,033	51	452	0	279	22	0
Randolph-Macon Woman's College	Va.	3	704	699	99.3	0	663	5	36	0	140	0	0
Sweet Briar College	Va.	3	712	690	96.9	12	652	10	38	0	116	0	0
Alverno College	Wisc.	3	1,872	1,839	98.2	2	904	31	935	3	259	18	0
Mount Mary College	Wisc.	3	1,257	1,230	97.9	0	612	27	618	0	206	33	0

—Not applicable.

[1] Data are for colleges and universities identifed by the Women's College Coalition as women's colleges. Excludes women's colleges whose IPEDS data are reported together with a coed institution or coordinate men's college. The following institutions were excluded for this reason: The Women's College at the University of Denver; Hartford College for Women; Newcomb College; Douglass College; Hobart-William Smith College; Stern College for Women; Russell Sage College; Radcliffe College, and Westhampton College.

[2] 1=public, 4-year; 3=private not-for-profit, 4-year, and 4=private, not-for-profit, 2-year

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," and "Completions," surveys. (This table was prepared September 2001.)

Table 219.—Enrollment and degrees conferred in Hispanic serving institutions, by institution: Fall 1999 and 1999–2000

Institution	Type and control[1]	Enrollment, fall 1999					Degree conferred to Hispanics, 1999–2000				
		Total	Hispanic	Percent Hispanic[2]	Hispanic undergraduate	Hispanic postbaccalaureate	Associate degrees	Bachelor's degrees	Master's degrees	First professional degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12
Total,[3] 50 states	—	**1,398,708**	**587,740**	**43.1**	**559,831**	**27,909**	**26,455**	**20,319**	**4,521**	**378**	**111**
Total,[3] 50 states and Puerto Rico	—	**1,568,808**	**757,634**	**49.4**	**714,201**	**43,433**	**31,648**	**36,470**	**7,442**	**817**	**250**
Arizona											
Apollo College, Phoenix	6	858	233	27.2	233	0	14	0	0	0	0
Arizona Automotive Institute	6	347	104	30.2	104	0	51	0	0	0	0
Arizona Inst. of Business and Tech., Phoenix[4]	4	264	73	27.7	73	0	57	0	0	0	0
Arizona Inst. of Business and Tech., Phoenix[5]	4	270	110	40.7	110	0	9	0	0	0	0
Arizona Western College	2	6,321	3,375	53.4	3,375	0	170	0	0	0	0
Central Arizona College	2	4,560	1,268	28.0	1,268	0	82	0	0	0	0
Chaparral Career College	5	383	115	30.0	115	0	34	3	0	0	0
Cochise College	2	4,000	1,092	27.5	1,092	0	101	0	0	0	0
Education America	6	128	36	28.1	36	0	0	0	0	0	0
Estrella Mountain Community College	2	4,304	1,323	30.8	1,323	0	42	0	0	0	0
High-Tech Institute	6	1,454	437	30.1	437	0	186	0	0	0	0
ITT Technical Institute	6	192	58	32.8	58	0	21	0	0	0	0
Phoenix College	2	10,984	3,457	31.9	3,457	0	119	0	0	0	0
Pima Community College	2	30,548	8,785	29.4	8,785	0	316	0	0	0	0
Pima Medical Institute	6	360	130	36.1	130	0	8	0	0	0	0
Refrigeration School, Inc	6	223	81	36.3	81	0	0	0	0	0	0
South Mountain Community College	2	3,091	1,654	54.1	1,654	0	77	0	0	0	0
The Art Center Design College	5	344	95	27.8	95	0	9	0	0	0	0
The Bryman School	6	805	269	33.4	269	0	69	0	0	0	0
California											
Allan Hancock College	2	8,382	2,747	32.9	2,747	0	145	0	0	0	0
Andon College	6	295	116	39.3	116	0	4	0	0	0	0
Bakersfield College	2	12,416	4,121	33.4	4,121	0	206	0	0	0	0
Brooks College	6	1,407	481	35.0	481	0	149	0	0	0	0
Bryman College North Campus	6	27	9	33.3	9	0	0	0	0	0	0
California Design College	6	277	77	30.8	77	0	10	0	0	0	0
California State University, Bakersfield	1	6,210	1,872	30.7	1,555	317	0	228	29	0	0
California State University, Dominguez Hills	1	12,524	3,843	31.4	2,560	1,283	0	457	122	0	0
California State University, Fresno	1	18,321	5,548	31.7	4,663	885	0	732	111	0	1
California State University, Fullerton	1	27,167	6,423	24.9	5,745	678	0	935	86	0	0
California State University, Los Angeles	1	19,783	9,620	51.2	7,127	2,493	0	1,089	192	0	0
California State University, Monterey Bay	1	2,265	712	31.9	606	106	0	53	2	0	0
California State University, Northridge	1	27,947	7,588	28.2	6,334	1,254	0	814	92	0	0
California State University, San Bernardino	1	14,280	4,049	29.5	3,070	979	0	534	89	0	0
California State University, Stanislaus	1	6,489	1,726	27.0	1,440	286	0	268	19	0	0
CEI College, Anaheim	6	231	68	29.4	68	0	0	0	0	0	0
Central California School	6	95	33	34.7	33	0	0	0	0	0	0
Cerritos College	2	20,450	11,244	55.9	11,244	0	469	0	0	0	0
Chaffey Community College	2	13,468	4,810	35.7	4,810	0	297	0	0	0	0
Citrus College	2	10,668	4,112	39.9	4,112	0	258	0	0	0	0
College of the Desert	2	7,955	2,740	35.2	2,740	0	108	0	0	0	0
College of the Sequoias	2	9,572	4,037	42.2	4,037	0	220	0	0	0	0
Compton Community College	2	4,866	2,026	41.7	2,026	0	0	0	0	0	0
Computer Learning Centers, Inc. Los Angeles	6	660	267	40.5	267	0	152	0	0	0	0
Computer Learning Centers, Inc. San Jose	6	130	43	33.1	43	0	0	0	0	0	0
Computer Learning Centers, Inc. Anaheim	6	282	67	26.2	67	0	0	0	0	0	0
Concorde Career Institute	6	560	183	34.1	183	0	0	0	0	0	0
Copper Mountain College	2	8,550	2,464	29.4	2,464	0	10	0	0	0	0
DeVry Institute of Technology, Long Beach	5	2,616	695	27.0	695	0	31	76	0	0	0
DeVry Institute of Technology, Pomona	5	3,499	1,017	29.5	1,017	0	62	139	0	0	0
Don Bosco Technical Institute	4	229	134	58.5	134	0	35	0	0	0	0
D-Q University	4	257	173	67.3	173	0	0	0	0	0	0
East Los Angeles College	2	15,771	12,551	81.4	12,551	0	802	0	0	0	0
East San Gabriel Valley Regional Occup. Prog.	2	943	455	48.3	455	0	2	0	0	0	0
Educational Cultural Complex	2	1,000	283	31.4	283	0	214	0	0	0	0
Educorp Career College	6	477	206	43.2	206	0	5	0	0	0	0
El Camino College	2	22,616	6,715	30.4	6,715	0	214	0	0	0	0
Evergreen Valley College	2	8,278	2,481	30.2	2,481	0	80	0	0	0	0
Fashion Inst. of Design and Merch., Orange County	6	223	56	25.8	56	0	0	0	0	0	0
Fashion Inst. of Design and Merch., San Diego	6	162	42	26.6	42	0	1	0	0	0	0
Fresno City College	2	16,739	7,139	43.0	7,139	0	299	0	0	0	0
Fullerton College	2	18,211	5,440	30.0	5,440	0	212	0	0	0	0
Gavilan College	2	3,317	1,450	43.8	1,450	0	65	0	0	0	0
Hartnell College	2	7,459	4,053	54.7	4,053	0	222	0	0	0	0
Heald College School of Business and Tech., Fresno	4	664	288	43.4	288	0	115	0	0	0	0
Heald College School of Business, Salinas	4	552	345	62.5	345	0	117	0	0	0	0
Heald College, San Francisco	4	1,070	281	26.3	281	0	97	0	0	0	0
Heald College School of Business, Stockton	4	440	181	41.1	181	0	43	0	0	0	0
Heald College, San Jose	4	1,164	305	25.8	305	0	99	0	0	0	0
Imperial Valley College	2	4,839	4,130	85.5	4,130	0	287	0	0	0	0
ITT Technical Institute, Anaheim	5	762	256	43.5	256	0	79	63	0	0	0
ITT Technical Institute, Oxnard	5	652	261	45.4	261	0	102	35	0	0	0
ITT Technical Institute, San Diego	5	873	215	30.1	215	0	85	31	0	0	0
ITT Technical Institute, Santa Clara	6	224	63	36.2	63	0	45	0	0	0	0
ITT Technical Institute, Sylmar	5	566	245	43.3	245	0	77	14	0	0	0
ITT Technical Institute, Torrance	6	964	457	59.8	457	0	186	0	0	0	0
ITT Technical Institute, West Covina	5	834	455	64.9	455	0	135	84	0	0	0
Kelsey-Jenney College[6]	4	199	66	33.2	66	0	6	0	0	0	0
Kelsey-Jenney College[7]	4	519	136	26.2	136	0	16	0	0	0	0
Long Beach City College	2	18,730	5,296	28.6	5,296	0	169	0	0	0	0
Los Angeles City College	2	12,833	5,947	48.3	5,947	0	303	0	0	0	0
Los Angeles Co. Col. of Nursing and Allied Health	2	173	71	41.0	71	0	33	0	0	0	0
Los Angeles Harbor College	2	6,789	2,873	43.1	2,873	0	180	0	0	0	0
Los Angeles Mission College	2	5,535	3,839	70.8	3,839	0	196	0	0	0	0
Los Angeles Trade Technical College	2	7,172	3,780	53.0	3,780	0	321	0	0	0	0
Los Angeles Valley College	2	14,594	5,770	39.9	5,770	0	235	0	0	0	0

Table 219.—Enrollment and degrees conferred in Hispanic serving institutions, by institution: Fall 1999 and 1999–2000—Continued

Institution	Type and control[1]	Enrollment, fall 1999					Degree conferred to Hispanics, 1999–2000				
		Total	Hispanic	Percent Hispanic[2]	Hispanic undergraduate	Hispanic postbaccalaureate	Associate degrees	Bachelor's degrees	Master's degrees	First-professional degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12
Maric College, San Diego	6	983	242	24.6	242	0	28	0	0	0	0
Maric College, Vista	6	502	159	31.7	159	0	0	0	0	0	0
Merced College	2	7,548	2,729	36.4	2,729	0	146	0	0	0	0
Modern Technology School of X-Ray	6	383	187	49.0	187	0	2	0	0	0	0
Modesto Junior College	2	13,676	3,696	27.1	3,696	0	192	0	0	0	0
Mount Saint Mary's College	3	2,066	813	39.5	730	83	74	89	8	0	0
Mount San Antonio College	2	22,715	8,905	39.2	8,905	0	369	0	0	0	0
Mt. Sierra College	5	656	182	28.3	182	0	0	3	0	0	0
Nazarene Bible College	3	26	9	37.5	9	0	0	1	0	0	0
New School of Architecture	5	132	19	14.4	3	16	0	1	0	0	0
Nova Institute of Health Technology, Los Angeles	6	385	151	39.2	151	0	1	0	0	0	0
Nova Institute of Health Technology, Ontario	6	343	172	50.1	172	0	2	0	0	0	0
Nova Institute of Health Technology, Whittier	6	458	366	79.9	366	0	14	0	0	0	0
Oxnard College	2	6,557	3,495	54.1	3,495	0	197	0	0	0	0
Pacific Oaks College	3	833	155	18.7	70	85	0	14	7	0	0
Palo Verde College	2	779	345	44.3	345	0	18	0	0	0	0
Pasadena City College	2	22,978	7,783	35.8	7,783	0	312	0	0	0	0
Platt College Cerritos	6	293	110	37.5	110	0	47	0	0	0	0
Platt College, Los Angeles	6	213	68	32.1	68	0	25	0	0	0	0
Platt College, Los Angeles Inc., Ontario	6	266	96	36.1	96	0	36	0	0	0	0
Porterville College	2	3,353	1,342	40.2	1,342	0	63	0	0	0	0
Reedley College	2	7,869	3,531	45.1	3,531	0	197	0	0	0	0
Rio Hondo College	2	11,545	8,237	73.3	8,237	0	333	0	0	0	0
Riverside Community College	2	22,320	6,632	30.1	6,632	0	292	0	0	0	0
Saint John's Seminary College	3	90	40	44.4	40	0	0	5	0	0	0
San Bernardino Valley College	2	9,737	3,522	36.2	3,522	0	250	0	0	0	0
San Diego City College	2	13,826	3,722	27.1	3,722	0	114	0	0	0	0
San Joaquin Valley College, Bakersfield	6	580	198	34.1	198	0	130	0	0	0	0
San Joaquin Valley College, Fresno	6	653	309	47.3	309	0	163	0	0	0	0
San Joaquin Valley College, Fresno Aviation Campus	6	86	22	25.6	22	0	4	0	0	0	0
San Joaquin Valley College, Visalia	6	542	219	40.4	219	0	110	0	0	0	0
San Jose City College	2	7,889	2,322	29.7	2,322	0	38	0	0	0	0
Santa Ana College	2	18,196	8,362	47.2	8,362	0	467	0	0	0	0
Sequoia Institute	6	1,487	377	25.4	377	0	12	0	0	0	0
South Coast College of Court Reporting	6	435	129	29.7	129	0	15	0	0	0	0
Southern California International College	6	110	71	64.5	71	0	23	0	0	0	0
Southwestern College	2	16,349	9,461	58.1	9,461	0	494	0	0	0	0
The National Hispanic University	3	331	228	72.8	143	85	9	13	0	0	0
University of La Verne	3	6,820	1,563	23.5	1,012	551	4	153	99	12	5
Ventura College	2	10,827	3,255	30.5	3,255	0	242	0	0	0	0
West Hills Community College	2	3,169	1,176	37.6	1,176	0	85	0	0	0	0
Whittier College	3	2,198	520	24.3	352	168	0	87	4	20	0
Woodbury University	3	1,208	337	30.6	313	24	0	43	4	0	0
Colorado											
Community College of Denver	2	6,511	1,912	30.9	1,912	0	62	0	0	0	0
Otero Junior College	2	1,290	409	31.8	409	0	55	0	0	0	0
Parks College	6	596	162	27.4	162	0	12	0	0	0	0
Pueblo Community College	2	4,745	1,441	30.4	1,441	0	97	0	0	0	0
Technical Trades Institute	6	183	51	27.9	51	0	45	0	0	0	0
Trinidad State Junior College	2	1,980	767	39.0	767	0	52	0	0	0	0
University of Southern Colorado	1	5,791	1,334	23.9	1,242	92	0	123	1	0	0
Florida											
Art Institute of Fort Lauderdale	5	2,746	866	31.5	866	0	96	52	0	0	0
ATI Health Education Center	6	445	120	27.3	120	0	18	0	0	0	0
Barry University	3	7,909	2,559	34.5	1,961	598	0	428	169	10	1
Carlos Albizu University, Miami Campus	3	617	323	53.0	49	274	0	14	41	0	19
City College	4	213	151	70.9	151	0	60	0	0	0	0
Florida College of Natural Health, Fort Lauderdale	6	222	60	28.4	60	0	0	0	0	0	0
Florida College of Natural Health, Miami Campus	6	197	111	62.4	111	0	0	0	0	0	0
Florida International University	1	31,293	16,495	57.0	14,217	2,278	0	2,131	552	0	13
Florida National College	6	1,288	1,213	94.3	1,213	0	59	0	0	0	0
International Fine Arts College	5	844	362	55.6	362	0	0	0	0	0	0
ITT Technical Institute, Miami	6	253	95	69.3	95	0	59	0	0	0	0
Miami-Dade Community College	2	47,152	29,824	65.1	29,824	0	2,276	0	0	0	0
National School of Technology, Hialeah	6	489	339	69.3	339	0	0	0	0	0	0
National School of Technology, Miami	6	652	377	57.8	377	0	0	0	0	0	0
Orlando College-South	5	942	274	29.3	264	10	55	9	3	0	0
Saint John Vianney College Seminary	3	60	33	73.3	26	7	0	5	0	0	0
Saint Thomas University	3	2,184	899	46.1	529	370	0	89	69	39	0
Trinity International University	3	467	197	42.4	173	24	0	40	4	0	0
University of Miami	3	13,715	3,538	29.1	2,465	1,073	0	522	226	106	25
Illinois											
City Colleges of Chicago, Harry S Truman College	2	14,147	6,403	45.3	6,403	0	39	0	0	0	0
City Colleges of Chicago, Malcolm X College	2	8,561	2,362	27.6	2,362	0	13	0	0	0	0
City Colleges of Chicago, Richard J. Daley College	2	9,800	5,790	59.1	5,790	0	108	0	0	0	0
City Colleges of Chicago, Wilbur Wright College	2	11,560	5,345	46.2	5,345	0	100	0	0	0	0
ITT Technical Institute, Mount Prospect	5	402	127	37.1	127	0	37	19	0	0	0
Morton College	2	4,348	2,624	61.8	2,624	0	78	0	0	0	0
Northeastern Illinois University	1	10,937	2,497	23.2	2,183	314	0	210	40	0	0
Northwestern Business College	6	752	264	35.1	264	0	262	0	0	0	0
Northwestern Business College, Southwestern Campus	6	693	168	24.2	168	0	25	0	0	0	0
Saint Augustine College	3	1,337	1,173	87.7	1,173	0	141	5	0	0	0
The College of Office Technology	6	460	140	30.4	140	0	7	0	0	0	0
Massachusetts											
Burdett College	6	131	39	29.8	39	0	0	0	0	0	0
Urban College of Boston	4	495	196	39.6	196	0	1	0	0	0	0
New Jersey											
Berkeley College	6	1,960	533	27.4	533	0	161	0	0	0	0

Table 219.—Enrollment and degrees conferred in Hispanic serving institutions, by institution: Fall 1999 and 1999–2000—Continued

Institution	Type and control[1]	Enrollment, fall 1999					Degree conferred to Hispanics, 1999–2000				
		Total	Hispanic	Percent Hispanic[2]	Hispanic undergraduate	Hispanic postbaccalaureate	Associate degrees	Bachelor's degrees	Master's degrees	First-professional degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12
Hudson County Community College	2	4,460	2,177	49.3	2,177	0	103	0	0	0	0
New Jersey City University	1	8,024	1,963	25.1	1,617	346	0	206	35	0	0
Passaic County Community College	2	4,354	2,248	53.2	2,248	0	89	0	0	0	0
Saint Peter's College	3	3,280	780	24.1	738	42	9	94	11	0	0
New Mexico											
Albuquerque Technical Vocational Institute	2	16,202	6,708	41.5	6,708	0	295	0	0	0	0
Eastern New Mexico University, Main Campus	1	3,562	860	24.3	788	72	3	113	7	0	0
Eastern New Mexico University, Roswell Campus	2	2,919	1,337	45.9	1,337	0	79	0	0	0	0
ITT Technical Institute, Albuquerque	5	367	162	44.3	162	0	53	13	0	0	0
Luna Vocational Technical Institute	2	1,180	1,016	86.5	1,016	0	65	0	0	0	0
Mesa Technical College	2	368	142	38.6	142	0	6	0	0	0	0
Metropolitan College of Court Reporting	3	51	22	43.1	22	0	0	1	0	0	0
National American University, Albuquerque	5	495	145	29.4	145	0	3	18	0	0	0
New Mexico Highlands University	1	3,198	1,728	54.6	1,239	489	0	168	86	0	0
New Mexico Junior College	2	2,619	826	31.6	826	0	53	0	0	0	0
New Mexico State University, Carlsbad	2	1,215	388	31.9	388	0	27	0	0	0	0
New Mexico State University, Dona Ana	2	4,471	2,582	58.4	2,582	0	147	0	0	0	0
New Mexico State University, Grants	2	611	165	27.0	165	0	17	0	0	0	0
New Mexico State University, Main Campus	1	15,449	5,987	40.2	5,424	563	28	648	118	0	11
Northern New Mexico Community College	2	2,076	1,522	73.3	1,522	0	123	0	0	0	0
Parks College	6	642	388	60.4	388	0	0	0	0	0	0
Pima Medical Institute	6	255	129	50.6	129	0	1	0	0	0	0
Santa Fe Community College	2	3,076	1,430	47.1	1,430	0	61	0	0	0	0
The Art Center	5	292	97	33.2	97	0	19	0	0	0	0
University of New Mexico, Los Alamos Campus	2	890	281	32.2	281	0	10	0	0	0	0
University of New Mexico, Main Campus	1	24,374	6,787	28.7	5,431	1,356	2	706	145	65	17
University of New Mexico, Taos Education Center	2	987	562	57.1	562	0	22	0	0	0	0
University of New Mexico, Valencia County Branch	2	1,605	905	56.5	905	0	50	0	0	0	0
University of Phoenix, Albuquerque Campus	5	3,045	1,785	58.6	1,211	574	3	206	147	0	0
Western New Mexico University	1	2,559	1,057	41.7	931	126	42	86	20	0	0
New York											
Berkeley College of New York City	5	1,720	632	40.5	632	0	123	17	0	0	0
Boricua College	3	1,189	1,005	84.5	961	44	151	135	2	0	0
College of Aeronautics	3	1,305	497	40.0	497	0	23	26	0	0	0
College of Mount Saint Vincent	3	1,480	392	26.8	372	20	0	47	11	0	0
CUNY, Borough of Manhattan Community College	2	14,993	4,668	34.6	4,668	0	512	0	0	0	0
CUNY, Bronx Community College	2	6,893	3,642	54.5	3,642	0	372	0	0	0	0
CUNY, City College	1	10,993	3,258	33.9	2,624	634	0	317	169	0	0
CUNY, Hostos Community College	2	3,221	2,463	78.2	2,463	0	279	0	0	0	0
CUNY, John Jay College Criminal Justice	1	10,476	3,613	34.9	3,465	148	14	350	25	0	0
CUNY, La Guardia Community College	2	10,381	4,088	43.9	4,088	0	527	0	0	0	0
CUNY, Lehman College	1	9,074	3,696	41.2	3,187	509	0	446	101	0	0
CUNY, New York City Technical College	1	10,871	2,840	26.6	2,840	0	215	56	0	0	0
DeVry Institute of Technology	5	1,250	394	33.4	394	0	8	0	0	0	0
Interboro Institute	6	1,080	280	25.9	280	0	21	0	0	0	0
Katharine Gibbs School, New York City	6	1,885	609	32.3	609	0	127	0	0	0	0
Mercy College, Main Campus	3	9,254	3,128	34.6	2,663	465	22	100	28	0	0
Monroe College, Main Campus	5	3,336	1,652	51.6	1,652	0	279	81	0	0	0
New York Restaurant School	6	404	107	28.2	107	0	0	0	0	0	0
Plaza Business Institute	6	718	215	30.0	215	0	53	0	0	0	0
Technical Career Institutes	6	3,713	1,631	44.4	1,631	0	334	0	0	0	0
Wood Tobe-Coburn School	6	454	268	59.0	268	0	51	0	0	0	0
Oklahoma											
American Christian College and Seminary	3	227	61	26.9	59	2	0	0	0	0	2
Oregon											
Mount Angel Seminary	3	224	39	21.1	29	10	0	7	0	1	0
Pennsylvania											
Pennsylvania Commercial College	6	135	126	93.3	126	0	0	0	0	0	0
Texas											
Art Institute of Houston	6	1,679	427	25.5	427	0	109	0	0	0	0
Austin Business College	6	399	172	43.9	172	0	30	0	0	0	0
Border Institute of Technology	6	201	151	75.5	151	0	45	0	0	0	0
Center for Advanced Legal Studies	5	219	60	27.4	52	8	14	0	0	0	0
Coastal Bend College	2	3,080	1,812	58.9	1,812	0	106	0	0	0	0
Del Mar College	2	9,968	5,244	53.4	5,244	0	220	0	0	0	0
Education America	6	342	117	34.2	117	0	19	0	0	0	0
El Paso Community College	2	18,680	15,553	85.4	15,553	0	559	0	0	0	0
ESS College of Business	6	427	133	31.1	133	0	44	0	0	0	0
Hallmark Institute of Technology	6	462	196	42.4	196	0	103	0	0	0	0
Houston Community College System	2	37,882	9,583	25.7	9,583	0	232	0	0	0	0
Howard County Junior College District	2	2,135	566	26.6	566	0	38	0	0	0	0
International Business College	6	672	194	28.9	194	0	0	0	0	0	0
ITT Technical Institute, Austin	6	558	173	32.4	173	0	56	0	0	0	0
ITT Technical Institute, Houston[8]	6	536	154	33.8	154	0	54	0	0	0	0
ITT Technical Institute, Houston[9]	6	453	129	31.6	129	0	36	0	0	0	0
ITT Technical Institute, Houston[10]	6	333	120	38.5	120	0	34	0	0	0	0
Laredo Community College	2	7,457	7,118	97.0	7,118	0	466	0	0	0	0
Midland College	2	4,733	1,200	25.6	1,200	0	113	0	0	0	0
Mountain View College	2	5,121	1,729	34.0	1,729	0	53	0	0	0	0
MTI College of Business and Technology[11]	6	367	140	38.1	140	0	57	0	0	0	0
MTI College of Business and Technology[12]	6	338	125	37.0	125	0	67	0	0	0	0
Oblate School of Theology	3	144	35	29.2	10	25	0	0	1	4	0
Odessa College	2	4,777	1,686	35.3	1,686	0	82	0	0	0	0
Our Lady of the Lake University, San Antonio	3	3,564	1,967	55.6	1,536	431	0	285	152	0	1
Palo Alto College	2	5,987	3,957	66.2	3,957	0	131	0	0	0	0
Saint Edward's University	3	3,669	962	27.6	876	86	0	142	17	0	0
San Antonio College	2	19,356	9,727	50.8	9,727	0	364	0	0	0	0

Table 219.—Enrollment and degrees conferred in Hispanic serving institutions, by institution: Fall 1999 and 1999–2000—Continued

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		Total	Hispanic	Percent Hispanic[2]	Hispanic undergraduate	Hispanic postbaccalaureate	Associate degrees	Bachelor's degrees	Master's degrees	First-professional degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12
San Jacinto College, North Campus	2	4,354	1,180	27.6	1,180	0	33	0	0	0	0
South Plains College	2	6,468	1,650	25.6	1,650	0	71	0	0	0	0
South Texas Community College	2	10,369	9,849	95.0	9,849	0	434	0	0	0	0
Southwest College Institute for the Deaf	2	117	36	31.9	36	0	1	0	0	0	0
Southwest School of Electronics	6	92	24	26.1	24	0	12	0	0	0	0
Southwest Texas Junior College	2	3,397	2,564	75.6	2,564	0	211	0	0	0	0
St. Mary's University	3	4,065	2,245	57.1	1,690	555	0	315	60	76	0
St. Philip's College	2	7,658	3,780	49.4	3,780	0	234	0	0	0	0
Sul Ross State University	1	2,965	1,534	52.1	1,100	434	2	202	97	0	0
Texas A & M International University	1	3,209	2,823	93.0	2,068	755	0	343	117	0	0
Texas A & M University, Corpus Christi	1	6,604	2,538	38.9	1,954	584	0	345	150	0	2
Texas A & M University, Kingsville	1	5,843	3,598	64.7	3,064	534	0	449	117	0	6
Texas Southmost College	2	7,603	7,164	95.1	7,164	0	405	0	0	0	0
Texas State Technical College, Harlingen	2	3,353	2,919	87.1	2,919	0	249	0	0	0	0
University of Houston, Downtown	1	8,712	2,823	33.2	2,823	0	0	279	0	0	0
University of Saint Thomas	3	3,345	839	27.3	464	375	0	65	54	2	0
University of Texas at Brownsville	1	2,834	2,431	87.1	1,931	500	0	441	127	0	0
University of Texas at El Paso	1	14,695	10,005	76.7	8,950	1,055	0	1,217	183	0	5
University of Texas at San Antonio	1	18,608	8,221	45.2	7,280	941	0	1,057	170	0	2
University of Texas Health Science, San Antonio	1	2,544	499	20.3	252	247	0	114	12	43	1
University of Texas of the Permian Basin	1	2,224	593	26.7	486	107	0	75	13	0	0
University of Texas, Pan American	1	12,569	10,950	89.0	9,737	1,213	15	1,239	263	0	0
University of the Incarnate Word	3	3,637	1,918	54.9	1,668	250	0	272	63	0	0
Victoria College	2	3,801	1,041	27.5	1,041	0	59	0	0	0	0
Western Technical Inst., Alabama Street, El Paso	6	387	292	75.5	292	0	130	0	0	0	0
Western Technical Inst., Texas Street, El Paso	6	317	282	89.0	282	0	152	0	0	0	0
Washington											
Heritage College	3	1,040	328	31.6	252	76	5	27	51	0	0
Puerto Rico											
American University of Puerto Rico, Bayamon	3	2,147	2,147	100.0	2,147	0	81	124	0	0	0
American University of Puerto Rico, Manati	3	1,944	1,944	100.0	1,944	0	71	171	0	0	0
Atlantic College	3	336	336	100.0	336	0	49	58	0	0	0
Bayamon Central University	3	3,177	3,177	100.0	2,914	263	26	246	76	0	0
Caribbean University, Bayamon	3	1,268	1,268	100.0	1,254	14	332	336	25	0	0
Caribbean University, Carolina	3	263	263	100.0	263	0	136	87	0	0	0
Caribbean University, Ponce	3	605	605	100.0	530	75	219	77	91	0	0
Caribbean University, Vega Baja	3	319	319	100.0	319	0	135	112	0	0	0
Carlos Albizu University	3	701	701	100.0	135	566	0	21	34	0	41
Colegio Biblico Pentecostal de Puerto Rico	3	202	202	100.0	202	0	0	18	0	0	0
Colegio Tecnologico del Municipio de San Juan	2	881	881	100.0	881	0	180	0	0	0	0
Colegio Universitario del Este	3	7,077	7,077	100.0	7,077	0	155	429	0	0	0
Columbia College, Caguas	5	1,121	1,121	100.0	1,121	0	175	119	0	0	0
Columbia College, Yauco	6	358	358	100.0	358	0	66	0	0	0	0
Conservatory of Music of Puerto Rico	1	252	252	100.0	252	0	0	28	0	0	0
Electronic Data Process Col. of P.R. Inc.[13]	5	681	681	100.0	640	41	65	26	11	0	0
Electronic Data Process Col. of P.R. Inc.[14]	6	721	721	100.0	721	0	145	0	0	0	0
Escuela de Artes Plasticas de Puerto Rico	1	309	309	100.0	309	0	0	37	0	0	0
Huertas Junior College	6	2,051	2,051	100.0	2,051	0	419	0	0	0	0
Humacao Community College	4	403	403	100.0	403	0	65	0	0	0	0
ICPR Junior College, Arecibo	6	508	508	100.0	508	0	100	0	0	0	0
ICPR Junior College, General Institutional	6	521	521	100.0	521	0	147	0	0	0	0
ICPR Junior College, Mayaguez	6	587	587	100.0	587	0	138	0	0	0	0
Inter American University of P.R., Aguadilla	3	2,873	2,873	100.0	2,873	0	70	328	0	0	0
Inter American University of P.R., Arecibo	3	2,520	2,520	100.0	2,504	16	104	437	10	0	0
Inter American University of P.R., Barranquitas	3	1,650	1,650	100.0	1,650	0	47	163	0	0	0
Inter American University of P.R., Bayamon	3	4,736	4,736	100.0	4,736	0	45	332	0	0	0
Inter American University of P.R., Fajardo	3	1,726	1,726	100.0	1,726	0	39	168	0	0	0
Inter American University of P.R., Guayama	3	1,635	1,635	100.0	1,635	0	101	185	0	0	0
Inter American University of P.R., Metro	3	8,891	8,891	100.0	6,788	2,103	84	1,322	659	0	38
Inter American University of P.R., Ponce	3	3,761	3,761	100.0	3,761	0	96	283	0	0	0
Inter American University of P.R., San German	3	5,248	5,248	100.0	4,462	786	41	641	244	0	0
International Junior College	6	346	346	100.0	346	0	32	0	0	0	0
National College of Business and Tech., Arecibo	6	1,131	1,131	100.0	1,131	0	171	0	0	0	0
National College of Business and Tech., Bayamon	6	1,898	1,898	100.0	1,898	0	287	0	0	0	0
Pontifical Catholic Univ. of Puerto Rico, Arecibo	3	646	646	100.0	646	0	10	89	0	0	0
Pontifical Catholic Univ. of Puerto Rico, Guayama	3	473	473	100.0	473	0	3	62	0	0	0
Pontifical Catholic Univ. of Puerto Rico, Mayaguez	3	1,809	1,809	100.0	1,687	122	5	194	0	0	0
Pontifical Catholic Univ. of Puerto Rico, Ponce	3	7,851	7,851	100.0	6,207	1,644	5	935	164	127	0
Puerto Rico Technical Junior College Inc.	6	321	321	100.0	321	0	65	0	0	0	0
Ramirez College of Business and Technology	6	600	600	100.0	600	0	94	0	0	0	0
Universidad Adventista de Las Antillas	3	762	749	98.3	718	31	28	83	0	0	0
Universidad Central del Caribe	3	361	345	96.1	89	256	29	0	2	51	0
Universidad del Turabo	3	8,065	8,065	100.0	6,987	1,078	52	583	238	0	0
Universidad Metropolitana	3	5,857	5,857	100.0	5,319	538	66	361	90	0	0
Universidad Politecnica de Puerto Rico	3	5,005	5,005	100.0	4,560	445	0	322	83	0	0
University of Phoenix, Puerto Rico Campus	5	1,252	1,233	98.5	137	1,096	0	18	445	0	0
U. of Puerto Rico, Aguadilla U. College	1	3,251	3,251	100.0	3,251	0	148	243	0	0	0
U. of Puerto Rico, Arecibo Campus	1	4,730	4,730	100.0	4,730	0	175	458	0	0	0
U. of Puerto Rico, Bayamon Tech. Univ. College	1	5,797	5,797	100.0	5,797	0	107	418	0	0	0
U. of Puerto Rico, Carolina Regional College	1	3,846	3,846	100.0	3,814	32	124	382	0	0	0
U. of Puerto Rico, Cayey University College	1	3,959	3,959	100.0	3,959	0	7	473	0	0	0
U. of Puerto Rico, Humacao University College	1	4,469	4,469	100.0	4,469	0	149	550	0	0	0
U. of Puerto Rico, La Montaná	1	1,593	1,590	100.0	1,590	0	71	64	0	0	0
U. of Puerto Rico, Mayaguez	1	12,794	12,794	100.0	11,959	835	4	1,688	184	0	4
U. of Puerto Rico, Medical Sciences Campus	1	2,822	2,822	100.0	1,153	1,669	59	346	211	132	4
U. of Puerto Rico, Ponce Univ. College	1	4,265	4,265	100.0	4,265	0	156	349	0	0	0
U. of Puerto Rico, Rio Piedras Campus	1	21,539	21,386	99.9	17,884	3,502	0	2,315	322	129	52
University of Sacred Heart	3	5,184	5,184	100.0	4,772	412	15	470	32	0	0

Footnotes for Table 219

—Not applicable.

[1] 1=public, 4-year, 2=public, 2-year; 3=private, not-for-profit, 4-year; 4=private, not-for-profit, 2-year; 5=private, for-profit, 4-year; and 6=private, for-profit, 2-year.

[2] Percentage based on number of U.S. citizens.

[3] Hispanic-serving institutions pursuant to 302(d) of Public Law 102–325 (20 U.S.C. 1059c), most recently amended December 20, 1993, in 2(a)(7) of public law 103–208, where Hispanic serving institutions are defined as those with full-time-equivakent undergraduate enrollment of Hispanic students at 25 percent or more.

[4] North 43rd Avenue, Phoenix.

[5] North 75th Avenue, Phoenix.

[6] A Street, San Diego.

[7] Miramar Road, San Diego.

[8] South Gessner.

[9] Blue Ash Drive.

[10] Bay Area Boulevard.

[11] Regency Square Boulevard, Houston.

[12] Space Park Drive, Houston.

[13] Hato Rey.

[13] San Sebastian.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions, 1999–2000" and "Fall Enrollment, 1999" surveys. (This table was prepared January 2002.)

Table 220.—Enrollment and degrees conferred in tribally controlled institutions, by institution: Fall 1997, 1998, 1999, 1998–99, and 1999–2000

Institution	Type and control	Total enrollment, fall 1997	Total enrollment, fall 1998	Enrollment, fall 1999				Associate degrees to American Indians and Alaskan Natives		Bachelor's degrees to American Indians and Alaskan Natives	
				Total	American Indian/ Alaskan Native	American Indian/ Alaskan Native proportion	American Indian/ Alaskan Native, undergraduate	1998–99	1999–2000	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11	12
Tribally controlled institutions	—	13,583	13,940	14,154	11,803	83.4	11,720	887	983	59	98
Arizona											
Dine' College	2	1,732	1,875	1,881	1,791	95.2	1,791	121	134	—	—
California											
D-Q University	4	314	225	257	54	21.0	54	15	—	—	—
Kansas											
Haskell Indian Nations University	1	846	779	885	885	100.0	885	58	91	3	17
Michigan											
Bay Mills Community College	2	453	369	321	201	62.6	201	13	7	—	—
Minnesota											
Fond du Lac Tribal and Community College	2	704	701	935	206	22.0	206	9	14	—	—
Leech Lake Tribal College	2	135	228	222	205	92.3	205	11	18	—	—
Montana											
Blackfeet Community College	4	411	396	291	277	95.2	277	66	103	—	—
Dull Knife Memorial College	4	508	448	448	356	79.5	356	30	31	—	—
Fort Belknap College	2	218	163	266	227	85.3	227	27	14	—	—
Fort Peck Community College	2	360	316	370	319	86.2	319	22	13	—	—
Little Big Horn College	2	243	324	207	190	91.8	190	16	7	—	—
Salish Kootenai College	3	967	1,016	1,075	920	85.6	920	57	65	13	29
Stone Child College	2	166	255	188	179	98.4	179	20	32	—	—
Nebraska											
Nebraska Indian Community College	2	223	186	186	167	89.8	167	15	10	—	—
New Mexico											
Crownpoint Institute of Technology	4	364	227	270	270	100.0	270	13	19	—	—
Institute of American Indian Arts	2	109	109	133	133	100.0	133	31	7	—	—
Southwestern Indian Polytechnic Institute	2	656	653	643	643	100.0	643	25	41	—	—
North Dakota											
Candeska Cikana Community College	2	142	124	134	119	88.8	119	3	5	—	—
Fort Berthold Community College	2	223	291	285	262	91.9	262	45	26	—	—
Sitting Bull College	2	217	231	233	218	93.6	218	29	32	—	—
Turtle Mountain Community College	2	579	624	665	595	89.7	595	23	38	—	—
United Tribes Technical College	4	263	311	299	261	87.3	261	58	55	—	—
South Dakota											
Oglala Lakota College	1	1,219	1,137	1,198	1,064	88.8	992	81	83	24	38
Si Tanka College	2	171	215	215	206	95.8	206	9	17	—	—
Sinte Gleska University	1	766	1,041	910	762	83.7	751	36	44	19	14
Sisseton-Wahpeton Community College	2	199	201	219	161	73.5	161	10	13	—	—
Washington											
Northwest Indian College	2	677	695	548	431	78.6	431	22	26	—	—
Wisconsin											
College of the Menominee Nation	2	225	249	385	309	80.3	309	7	12	—	—
Lac Courte Oreilles Ojibwa, Community College	2	493	551	485	392	80.8	392	15	26	—	—

—Not applicable.

NOTE: Data for 1998 revised from previously published figures. These colleges are, with few exceptions, tribally controlled and located on reservations. They are all members of the American Indian Higher Education Consortium. Type and control are 1=public, 4-year; 2=public, 2-year; 3=private not-for-profit, 4-year; and 4=private not-for-profit, 2-year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions," surveys, and "Fall Enrollment" surveys. (This table was prepared August 2001.)

Table 221.—Fall enrollment, degrees conferred, and expenditures in degree-granting historically black colleges and universities, by institution: 1999, 1999–2000, and 1998–99

Institution	Type and control[1]	Enrollment, 1999		Degrees conferred, 1999–2000					Current-fund expenditures for public institutions, 1998–99, in thousands	Total expenditures for private institutions, 1998–99, in thousands
		Total	Black	Associate	Bachelor's	Master's	Doctor's	First-professional		
1	2	3	4	5	6	7	8	9	10	11
Total	—	**274,212**	**226,407**	**3,418**	**29,376**	**6,722**	**326**	**1,579**	—	—
**Alabama A&M University, AL	1	5,497	4,484	—	545	411	11	—	$70,488	—
Alabama State University, AL	1	5,664	5,106	1	510	205	—	—	63,987	—
Bishop State Community College, AL	2	3,393	2,066	437	—	—	—	—	24,630	—
C. A. Fredd State Technical College, AL	2	214	91	—	—	—	—	—	—	—
Concordia College, AL	3	525	444	20	8	—	—	—	—	$6,005
Gadsden State Community College, AL[2]	2	4,729	782	430	—	—	—	—	26,607	—
J. F. Drake Technical College, AL	2	611	279	54	—	—	—	—	5,753	—
Lawson State Community College, AL	2	1,541	1,529	91	—	—	—	—	13,087	—
Miles College, AL	3	1,453	1,450	—	171	—	—	—	—	16,936
Oakwood College, AL	3	1,736	1,458	15	222	—	—	—	—	30,390
Stillman College, AL	3	1,458	1,440	—	161	—	—	—	—	19,066
Talladega College, AL	3	455	443	—	65	—	—	—	—	11,449
Trenholm State Technical College, AL	2	680	545	59	—	—	—	—	8,357	—
**Tuskegee University, AL	3	3,009	2,854	—	417	45	—	55	—	79,665
Arkansas Baptist College, AR	3	157	155	—	12	—	—	—	—	2,125
Philander Smith College, AR	3	932	890	—	125	—	—	—	—	13,101
**University of Arkansas, Pine Bluff, AR	1	3,040	2,831	—	343	17	—	—	42,866	—
**Delaware State University, DE	1	3,159	2,348	—	409	105	—	—	55,877	—
Howard University, DC	3	9,108	8,602	—	1,136	448	121	467	—	599,148
**University of the District of Columbia, DC	1	5,181	4,160	—	354	58	—	—	79,792	—
University of the District of Columbia Law School, DC[3]	1	168	109	148	—	—	—	37	—	—
Bethune-Cookman College, FL	3	2,558	2,354	—	268	—	—	—	—	36,078
Edward Waters College, FL	3	814	762	—	128	—	—	—	—	—
**Florida A&M University, FL	1	12,082	11,066	45	1,466	325	8	100	180,576	—
Florida Memorial College, FL	3	1,738	1,522	—	154	—	—	—	—	—
Albany State College, GA	1	3,356	3,078	—	332	95	—	—	41,948	—
Clark Atlanta University, GA	3	4,963	4,859	—	559	312	28	—	—	98,969
**Fort Valley State University, GA	1	2,658	2,463	2	233	72	—	—	42,057	—
Interdenominational Theological Center, GA	3	403	377	—	—	11	12	95	—	8,995
Morehouse College, GA	3	3,012	2,999	—	504	—	—	—	—	57,726
Morehouse School of Medicine, GA	3	196	174	—	—	17	—	31	—	72,154
Morris Brown College, GA	3	2,013	1,971	—	261	—	—	—	—	44,174
Paine College, GA	3	853	836	—	98	—	—	—	—	—
Savannah State College, GA	1	2,153	1,920	—	251	51	—	—	33,541	—
Spelman College, GA	3	2,065	2,013	—	397	—	—	—	—	47,394
**Kentucky State University, KY	1	2,393	1,428	71	222	23	—	—	40,939	—
Dillard University, LA	3	1,698	1,685	—	192	—	—	—	—	32,972
Grambling State University, LA	1	4,671	4,462	32	752	97	14	—	58,058	—
**Southern University and A&M College, Baton Rouge, LA	1	9,345	8,779	28	1,062	280	2	93	103,624	—
Southern University, New Orleans, LA	1	3,789	3,604	9	448	137	—	—	25,584	—
Southern University, Shreveport-Bossier City Campus, LA	2	1,324	1,220	190	—	—	—	—	11,136	—
Xavier University of Louisiana, LA	3	3,820	3,420	—	465	97	—	128	—	66,717
Bowie State University, MD	1	4,770	3,769	—	513	480	—	—	42,696	—
Coppin State College, MD	1	3,844	3,570	—	421	84	—	—	32,186	—
Morgan State University, MD	1	6,172	5,809	—	712	105	11	—	93,788	—
**University of Maryland, Eastern Shore, MD	1	3,000	2,350	—	456	72	1	—	42,747	—
Lewis College of Business, MI	4	314	304	20	—	—	—	—	—	1,311
**Alcorn State University, MS	1	2,901	2,722	12	464	119	—	—	48,116	—
Coahoma Community College, MS	2	1,161	1,134	188	—	—	—	—	13,225	—
Hinds Community College, Utica Campus, MS	2	1,817	1,694	91	—	—	—	—	—	—
Jackson State University, MS	1	6,354	6,050	—	658	269	15	—	79,056	—
Mary Holmes College, MS	4	389	383	48	—	—	—	—	—	6,225
Mississippi Valley State University, MS	1	2,509	2,386	—	309	43	—	—	32,429	—
Rust College, MS	3	843	804	2	97	—	—	—	—	11,491
Tougaloo College, MS	3	967	967	1	142	—	—	—	—	15,624
Harris-Stowe State College, MO	1	1,752	1,314	—	139	—	—	—	14,302	—
**Lincoln University, MO	1	3,347	1,023	67	322	65	—	—	32,332	—
Barber-Scotia College, NC	3	480	477	—	46	—	—	—	—	10,060
Bennett College, NC	3	640	619	—	68	—	—	—	—	—
Elizabeth City State University, NC	1	1,966	1,482	—	318	—	—	—	36,250	—
Fayetteville State University, NC	1	4,875	3,485	9	683	106	3	—	46,867	—

Table 221.—Fall enrollment, degrees conferred, and expenditures in degree-granting historically black colleges and universities, by institution: 1999, 1999–2000, and 1998–99—Continued

Institution	Type and control ¹	Enrollment, 1999		Degrees conferred, 1999–2000					Current-fund expenditures for public institutions, 1998–99, in thousands	Total expenditures for private institutions, 1998–99, in thousands
		Total	Black	Associate	Bachelor's	Master's	Doctor's	First-professional		
1	2	3	4	5	6	7	8	9	10	11
Johnson C. Smith University, NC	3	1,546	1,531	—	172	—	—	—	—	25,276
Livingstone College, NC	3	1,095	1,048	—	116	1	—	10	—	—
**North Carolina Agricultural and Technical State University, NC	1	7,603	6,709	—	880	237	2	—	123,573	—
North Carolina Central University, NC	1	5,595	4,577	—	635	275	—	110	77,415	—
St. Augustine's College, NC	3	1,492	1,341	—	255	—	—	—	—	23,949
Shaw University, NC	3	2,670	2,576	23	390	—	—	18	—	24,372
Winston-Salem State University, NC	1	2,788	2,277	—	546	—	—	—	43,171	—
Central State University, OH	1	1,130	1,050	—	163	1	—	—	38,193	—
Wilberforce University, OH	3	964	893	—	223	—	—	—	—	—
**Langston University, OK	1	3,501	2,054	3	352	4	—	—	31,398	—
Cheyney University of Pennsylvania, PA	1	1,821	1,644	—	149	190	—	—	27,597	—
Lincoln University, PA	1	2,008	1,828	—	285	216	—	—	34,768	—
Allen University, SC	3	328	309	—	32	—	—	—	—	5,052
Benedict College, SC	3	2,750	2,747	—	244	—	—	—	—	35,852
Claflin College, SC	3	1,120	1,081	—	203	—	—	—	—	16,772
Clinton Junior College, SC	4	—	—	66	—	—	—	—	—	—
Denmark Technical College, SC	2	1,212	1,135	98	—	—	—	—	6,943	—
Morris College, SC	3	907	905	—	170	—	—	—	—	13,782
**South Carolina State University, SC	1	4,623	4,326	—	679	162	27	—	62,178	—
Voorhees College, SC	3	931	888	—	169	—	—	—	—	14,616
Fisk University, TN	3	886	867	—	134	8	—	—	—	—
Lane College, TN	3	666	664	—	90	—	—	—	—	10,179
Le Moyne-Owen College, TN	3	1,013	1,011	—	120	—	—	—	—	19,537
Meharry Medical College, TN	3	900	675	—	—	15	10	125	—	77,351
**Tennessee State University, TN	1	8,836	6,674	105	950	448	33	—	105,351	—
Huston-Tillotson College, TX	3	547	412	—	95	—	—	—	—	11,383
Jarvis Christian College, TX	3	519	488	—	105	—	—	—	—	11,453
Paul Quinn College, TX	3	670	601	—	141	—	—	—	—	8,959
**Prairie View A&M University, TX	1	6,271	5,505	—	639	416	—	—	78,884	—
St. Philip's College, TX	2	7,658	1,516	535	—	—	—	—	36,018	—
Southwestern Christian College, TX	3	187	163	29	5	—	—	—	—	3,881
Texas College, TX	3	294	285	—	24	—	—	—	—	5,097
Texas Southern University, TX	1	6,522	5,457	—	465	147	19	225	81,312	—
Wiley College, TX	3	578	506	—	133	—	—	—	—	11,707
Hampton University, VA	3	5,783	5,035	21	842	116	2	—	—	92,346
Norfolk State University, VA	1	6,987	6,115	39	825	185	7	—	78,885	—
St. Paul's College, VA	3	606	583	—	110	—	—	—	—	10,545
**Virginia State University, VA	1	4,303	3,919	—	485	136	—	—	58,661	—
Virginia Union University, VA	3	1,447	1,421	—	174	—	—	85	—	19,293
Bluefield State College, WV	1	2,339	209	204	187	—	—	—	15,381	—
West Virginia State College, WV	1	4,794	643	185	417	—	—	—	29,848	—
**University of the Virgin Islands, St. Thomas Campus, VI	1	1,597	1,339	40	154	16	—	—	—	—

—Not available or applicable.

**Land-grant institution.

[1] 1=public 4-year; 2=public 2-year; 3=private 4-year; and 4=private 2-year.

[2] In 1998, this school became a historically black college. It opened in 1960 as Gadsden Vocational Trade School, a private training facility.

[3] Formerly included in the University of the District of Columbia. In 1999–2000, the law school was reported separately.

NOTE: Excludes historically black colleges and universities that are not participating in Title IV participating programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment, 1999," "Completions, 1999–2000," and "Finance, 1998–99" surveys. (This table was prepared September 2001.)

Table 222.—Selected statistics on degree-granting historically black colleges and universities: 1980, 1990, 1996–97, 1999, and 1999–2000

Item	Total	Public		Private	
		4-year	2-year	4-year	2-year
1	2	3	4	5	6
Number of institutions, fall 2000	**103**	**41**	**11**	**48**	**3**
Total enrollment, fall 1980	233,557	155,085	13,132	62,924	2,416
Men	106,387	70,236	6,758	28,352	1,041
Men, black	81,818	53,654	2,781	24,412	971
Women	127,170	84,849	6,374	34,572	1,375
Women, black	109,171	70,582	4,644	32,589	1,356
Total enrollment, fall 1990	257,152	171,969	15,077	68,528	1,578
Men	105,157	70,220	6,321	28,054	562
Men, black	82,897	54,041	3,214	25,198	444
Women	151,995	101,749	8,756	40,474	1,016
Women, black	125,785	80,883	6,066	38,115	721
Total enrollment, fall 1999	274,212	175,364	24,340	73,805	703
Men	108,398	69,045	9,943	29,226	184
Men, black	88,057	56,472	4,210	27,196	179
Women	165,814	106,319	14,397	44,579	519
Women, black	138,350	87,652	7,781	42,409	508
Full-time enrollment, fall 1999	209,459	129,773	12,387	66,929	370
Men	85,292	53,665	5,054	26,436	137
Women	124,167	76,108	7,333	40,493	233
Part-time enrollment, fall 1999	64,753	45,591	11,953	6,876	333
Men	23,106	15,380	4,889	2,790	47
Women	41,647	30,211	7,064	4,086	286
Earned degrees conferred, 1999–2000					
Associate	3,418	1,000	2,173	111	134
Men	1,190	311	780	46	53
Men, black	472	110	281	32	49
Women	2,228	689	1,393	65	81
Women, black	1,149	258	764	49	78
Bachelor's	29,376	19,733	—	9,643	—
Men	10,492	7,215	—	3,277	—
Men, black	8,951	5,942	—	3,009	—
Women	18,884	12,518	—	6,366	—
Women, black	16,557	10,564	—	5,993	—
Master's	6,722	5,652	—	1,070	—
Men	2,011	1,683	—	328	—
Men, black	1,307	1,081	—	226	—
Women	4,711	3,969	—	742	—
Women, black	3,415	2,779	—	636	—
Doctor's	326	153	—	173	—
Men	131	57	—	74	—
Men, black	81	32	—	49	—
Women	195	96	—	99	—
Women, black	144	67	—	77	—
First-professional	1,579	565	—	1,014	—
Men	740	269	—	471	—
Men, black	486	130	—	356	—
Women	839	296	—	543	—
Women, black	611	189	—	422	—
Financial statistics, 1996–97, in thousands of dollars					
Current-fund revenues	—	$2,173,308	$99,880	—	—
Tuition and fees	—	446,451	18,981	—	—
Federal government	—	366,229	16,601	—	—
State governments	—	894,660	51,076	—	—
Local governments	—	79,080	8,000	—	—
Private gifts, grants, and contracts	—	38,235	209	—	—
Endowment income	—	3,604	3	—	—
Sales and services	—	10,087	102	—	—
Other sources	—	334,962	4,908	—	—
Current-fund expenditures	—	2,136,616	98,176	—	—
Educational and general expenditures	—	1,851,522	93,863	—	—
Auxiliary enterprises	—	285,093	4,313	—	—
Hospitals	—	0	0	—	—
Independent operations	—	0	0	—	—

—Not available.

NOTE: Historically black colleges and universities are degree-granting institutions established prior to 1964 with the principal mission of educating black Americans. Federal regulations, 20 U.S. Code, Section 1061 (2), allow for certain exceptions to the founding date. Most institutions are in the southern and border states and were established prior to 1954. Federal, state, and local governments revenue includes appropriations, grants, contracts, and independent operations. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education;" and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," "Completions," and "Finance" surveys. (This table was prepared September 2001.)

Table 223.—Fall enrollment in degree-granting historically black colleges and universities, by type and control of institution: 1976 to 1999

Year	Total enrollment	Type of institution		Public institutions			Private institutions		
		4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
1976	222,613	206,676	15,937	156,836	143,528	13,308	65,777	63,148	2,629
1977	226,062	209,898	16,164	158,823	145,450	13,373	67,239	64,448	2,791
1978	227,797	211,651	16,146	163,237	150,168	13,069	64,560	61,483	3,077
1979	230,124	214,147	15,977	166,315	153,139	13,176	63,809	61,008	2,801
1980	233,557	218,009	15,548	168,217	155,085	13,132	65,340	62,924	2,416
1981	232,460	217,152	15,308	166,991	154,269	12,722	65,469	62,883	2,586
1982	228,371	212,017	16,354	165,871	151,472	14,399	62,500	60,545	1,955
1983	234,446	217,909	16,537	170,051	155,665	14,386	64,395	62,244	2,151
1984	227,519	212,844	14,675	164,116	151,289	12,827	63,403	61,555	1,848
1985	225,801	210,648	15,153	163,677	150,002	13,675	62,124	60,646	1,478
1986	223,275	207,231	16,044	162,048	147,631	14,417	61,227	59,600	1,627
1987	227,994	211,654	16,340	165,486	150,560	14,926	62,508,	61,094	1,414
1988	239,755	223,250	16,505	173,672	158,606	15,066	66,083	64,644	1,439
1989	249,096	232,890	16,206	181,151	166,481	14,670	67,945	66,409	1,536
1990	257,152	240,497	16,655	187,046	171,969	15,077	70,106	68,528	1,578
1991	269,335	252,093	17,242	197,847	182,204	15,643	71,488	69,889	1,599
1992	279,541	261,089	18,452	204,966	188,143	16,823	74,575	72,946	1,629
1993	282,856	262,430	20,426	208,197	189,032	19,165	74,659	73,398	1,261
1994	280,071	259,997	20,074	206,520	187,735	18,785	73,551	72,262	1,289
1995	278,725	259,409	19,316	204,726	186,278	18,448	73,999	73,131	868
1996	273,018	253,654	19,364	200,569	182,063	18,506	72,449	71,591	858
1997	269,167	248,860	20,307	194,674	175,297	19,377	74,493	73,563	930
1998	273,472	248,931	24,541	198,603	174,776	23,827	74,869	74,155	714
1999	274,212	249,169	25,043	199,704	175,364	24,340	74,508	73,805	703

NOTE: Data for 1976 to 1995 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared September 2001.)

Table 224.—Employees in degree-granting institutions of higher education, by primary occupation, employment status, and control of institution: Fall 1976, fall 1991, and fall 1999

Primary occupation and control of institution	Fall 1976[1]					Fall 1991[1]				Fall 1999[2]			
	Total staff			Full-time equivalent staff		Total staff		Full-time equivalent staff		Total staff		Full-time equivalent staff	
	Number	Percent	Full-time	Total	FTE students per FTE staff	Number	Percent	Total	FTE students per FTE staff	Number	Percent	Total	FTE students per FTE staff
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total, all institutions	**1,863,790**	**100.0**	**1,339,911**	**1,541,339**	**5.4**	**2,545,235**	**100.0**	**2,094,628**	**4.9**	**2,883,175**	**100.0**	**2,285,525**	**4.8**
Professional staff	1,073,119	57.6	709,400	845,456	9.8	1,595,460	62.7	1,244,588	8.3	1,950,861	67.7	1,467,852	7.5
Executive/administrative/managerial	101,263	5.4	97,003	98,972	84.0	144,755	5.7	141,718	73.1	159,888	5.5	156,571	69.9
Faculty (instruction and research)	633,210	34.0	434,071	500,533	16.6	826,252	32.5	632,565	16.4	1,027,830	35.6	736,584	14.9
Instruction and research assistants	160,086	8.6	28,007	82,684	100.5	197,751	7.8	81,467	127.2	239,738	8.3	99,133	110.4
Non-faculty professionals	178,560	9.6	150,319	163,267	50.9	426,702	16.8	388,838	26.6	523,405	18.2	475,564	23.0
Nonprofessional staff	790,671	42.4	630,511	695,883	11.9	949,775	37.3	850,040	12.2	932,314	32.3	817,674	13.4
Public, total	1,329,122	100.0	946,354	1,092,558	5.8	1,783,328	100.0	1,449,398	5.4	1,988,809	100.0	1,550,190	5.2
Professional staff	769,836	57.9	502,325	601,942	10.5	1,133,264	63.5	868,112	9.1	1,352,325	68.0	994,132	8.1
Executive/administrative/managerial	60,733	4.6	58,649	59,579	106.6	84,446	4.7	82,835	94.9	85,795	4.3	84,110	95.4
Faculty (instruction and research)	448,733	33.8	313,367	357,761	17.7	580,908	32.6	446,113	17.6	713,325	35.9	507,630	15.8
Instruction and research assistants	127,925	9.6	19,076	63,420	100.1	173,560	9.7	70,707	111.2	200,563	10.1	81,707	98.2
Non-faculty professionals	132,445	10.0	111,233	121,182	52.4	294,350	16.5	268,458	29.3	352,642	17.7	320,684	25.0
Nonprofessional staff	559,286	42.1	444,029	490,616	12.9	650,064	36.5	581,286	13.5	636,484	32.0	556,058	14.4
Private, total	534,668	100.0	393,557	448,781	4.4	761,907	100.0	645,231	3.9	894,366	100.0	735,335	4.0
Professional staff	303,283	56.7	207,075	243,514	8.1	462,196	60.7	376,476	6.6	598,536	66.9	473,720	6.2
Executive/administrative/managerial	40,530	7.6	38,354	39,393	49.8	60,309	7.9	58,883	42.4	74,093	8.3	72,461	40.3
Faculty (instruction and research)	184,477	34.5	120,704	142,772	13.7	245,344	32.2	186,452	13.4	314,505	35.2	228,954	12.8
Instruction and research assistants	32,161	6.0	8,931	19,264	101.9	24,191	3.2	10,760	232.1	39,175	4.4	17,426	167.8
Non-faculty professionals	46,115	8.6	39,086	42,085	46.6	132,352	17.4	120,380	20.7	170,763	19.1	154,879	18.9
Nonprofessional staff	231,385	43.3	186,482	205,267	9.6	299,711	39.3	268,755	9.3	295,830	33.1	261,615	11.2

[1] Data are for 4-year and 2-year institutions that were accredited by an agency or organization that was recognized by the U.S. Department of Education, or directly recognized by the Secretary of Education.

[2] Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Staff, 1976" survey; and Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" surveys. (This table was prepared July 2001.)

Table 225.—Employees in degree-granting institutions, by race/ethnicity, primary occupation, employment status, sex, and type and control of institution: Fall 1999

Primary occupation, sex, employment status, and type and control of institution	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Non-resident alien	Race/ ethnicity unknown
1	2	3	4	5	6	7	8	9
Total, all institutions	**2,883,175**	**2,148,845**	**288,632**	**134,672**	**128,698**	**13,289**	**18,143**	**150,896**
Professional staff	1,950,861	1,512,740	123,784	63,364	96,823	8,015	14,364	131,771
Executive/administrative/managerial	159,888	135,107	14,047	5,024	3,332	760	456	1,162
Faculty (instruction and research)	1,027,830	839,006	53,401	30,961	48,892	4,429	9,155	41,986
Instruction and research assistants	239,738	135,261	8,766	7,629	18,570	761	1,775	66,976
Non-faculty professionals	523,405	403,366	47,570	19,750	26,029	2,065	2,978	21,647
Nonprofessional staff	932,314	636,105	164,848	71,308	31,875	5,274	3,779	19,125
Men, total	1,365,812	1,019,666	109,904	60,046	68,341	6,230	10,106	91,519
Professional staff	1,026,882	793,562	50,940	31,128	55,929	3,975	8,309	83,039
Executive/administrative/managerial	83,883	72,279	6,160	2,435	1,718	365	281	645
Faculty (instruction and research)	602,469	492,484	26,047	17,428	32,381	2,412	5,581	26,136
Instruction and research assistants	132,607	70,224	3,549	3,730	10,932	367	935	42,870
Non-faculty professionals	207,923	158,575	15,184	7,535	10,898	831	1,512	13,388
Nonprofessional staff	338,930	226,104	58,964	28,918	12,412	2,255	1,797	8,480
Women, total	1,517,363	1,129,179	178,728	74,626	60,357	7,059	8,037	59,377
Professional staff	923,979	719,178	72,844	32,236	40,894	4,040	6,055	48,732
Executive/administrative/managerial	76,005	62,828	7,887	2,589	1,614	395	175	517
Faculty (instruction and research)	425,361	346,522	27,354	13,533	16,511	2,017	3,574	15,850
Instruction and research assistants	107,131	65,037	5,217	3,899	7,638	394	840	24,106
Non-faculty professionals	315,482	244,791	32,386	12,215	15,131	1,234	1,466	8,259
Nonprofessional staff	593,384	410,001	105,884	42,390	19,463	3,019	1,982	10,645
Full-time, total	1,918,676	1,460,222	222,715	94,726	83,182	9,168	11,584	37,079
Professional staff	1,180,173	954,972	84,274	38,262	59,406	5,022	9,529	28,708
Executive/administrative/managerial	153,722	129,937	13,616	4,859	3,201	727	418	964
Faculty (instruction and research)	590,937	489,206	29,222	16,498	34,112	2,561	7,190	12,148
Non-faculty professionals	435,514	335,829	41,436	16,905	22,093	1,734	1,921	15,596
Nonprofessional staff	738,503	505,250	138,441	56,464	23,776	4,146	2,055	8,371
Part-time, total	964,499	688,623	65,917	39,946	45,516	4,121	6,559	113,817
Professional staff	770,688	557,768	39,510	25,102	37,417	2,993	4,835	103,063
Executive/administrative/managerial	6,166	5,170	431	165	131	33	38	198
Faculty (instruction and research)	436,893	349,800	24,179	14,463	14,780	1,868	1,965	29,838
Instruction and research assistants	239,738	135,261	8,766	7,629	18,570	761	1,775	66,976
Non-faculty professionals	87,891	67,537	6,134	2,845	3,936	331	1,057	6,051
Nonprofessional staff	193,811	130,855	26,407	14,844	8,099	1,128	1,724	10,754
Public 4-year	1,470,842	1,074,276	146,183	65,537	76,808	6,993	10,971	90,074
Professional staff	987,622	740,818	60,390	30,810	60,210	4,129	9,120	82,145
Executive/administrative/managerial	64,336	54,139	6,181	1,883	1,291	309	192	341
Faculty (instruction and research)	417,086	337,857	20,219	11,160	26,691	1,902	5,692	13,565
Instruction and research assistants	196,393	110,957	6,752	6,370	15,445	630	1,358	54,881
Non-faculty professionals	309,807	237,865	27,238	11,397	16,783	1,288	1,878	13,358
Nonprofessional staff	483,220	333,458	85,793	34,727	16,598	2,864	1,851	7,929
Private 4-year	857,820	644,296	90,638	34,961	36,921	2,155	5,979	42,870
Professional staff	569,579	450,736	34,922	15,039	26,584	1,274	4,496	36,528
Executive/administrative/managerial	69,626	59,557	5,590	1,957	1,588	176	219	539
Faculty (instruction and research)	296,737	242,507	13,338	6,537	13,840	652	2,918	16,945
Instruction and research assistants	38,597	21,005	1,431	974	2,973	83	402	11,729
Non-faculty professionals	164,619	127,667	14,563	5,571	8,183	363	957	7,315
Nonprofessional staff	288,241	193,560	55,716	19,922	10,337	881	1,483	6,342
Public 2-year	517,967	401,260	48,840	32,309	14,012	3,852	1,120	16,574
Professional staff	364,703	297,533	26,302	16,383	9,320	2,422	694	12,049
Executive/administrative/managerial	21,459	17,628	1,987	1,016	383	241	38	166
Faculty (instruction and research)	296,239	243,842	18,671	12,697	7,906	1,781	504	10,838
Instruction and research assistants	4,170	2,873	539	246	132	46	14	320
Non-faculty professionals	42,835	33,190	5,105	2,424	899	354	138	725
Nonprofessional staff	153,264	103,727	22,538	15,926	4,692	1,430	426	4,525
Private 2-year	36,546	29,013	2,971	1,865	957	289	73	1,378
Professional staff	28,957	23,653	2,170	1,132	709	190	54	1,049
Executive/administrative/managerial	4,467	3,783	289	168	70	34	7	116
Faculty (instruction and research)	17,768	14,800	1,173	567	455	94	41	638
Instruction and research assistants	578	426	44	39	20	2	1	46
Non-faculty professionals	6,144	4,644	664	358	164	60	5	249
Nonprofessional staff	7,589	5,360	801	733	248	99	19	329

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Staff, 1999" survey. (This table was prepared July 2001.)

Table 226.—Employees in degree-granting institutions, by primary occupation, sex, employment status, and by type and control of institution: Fall 1999

Primary occupation and type and control of institution	Full-time and part-time					Full-time				Part-time		
	Total		Men	Women		Total		Men	Women	Total	Men	Women
	Number	Percent distribution		Number	Percent of all employees	Number	Percent of all employees					
1	2	3	4	5	6	7	8	9	10	11	12	13
Total, all employees	**2,883,175**	**100.0**	**1,365,812**	**1,517,363**	**52.6**	**1,918,676**	**66.5**	**896,837**	**1,021,839**	**964,499**	**468,975**	**495,524**
Professional staff	1,950,861	67.7	1,026,882	923,979	47.4	1,180,173	60.5	628,066	552,107	770,688	398,816	371,872
Executive/administrative/managerial	159,888	5.5	83,883	76,005	47.5	153,722	96.1	81,260	72,462	6,166	2,623	3,543
Faculty (instruction and research)	1,027,830	35.6	602,469	425,361	41.4	590,937	57.5	371,039	219,898	436,893	231,430	205,463
Instruction and research assistants	239,738	8.3	132,607	107,131	44.7	0	0	0	0	239,738	132,607	107,131
Non-faculty professionals	523,405	18.2	207,923	315,482	60.3	435,514	83.2	175,767	259,747	87,891	32,156	55,735
Nonprofessional staff	932,314	32.3	338,930	593,384	63.6	738,503	79.2	268,771	469,732	193,811	70,159	123,652
Technical and paraprofessionals	198,492	6.9	80,472	118,020	59.5	151,601	76.4	62,598	89,003	46,891	17,874	29,017
Clerical and secretarial	447,191	15.5	61,449	385,742	86.3	345,734	77.3	35,251	310,483	101,457	26,198	75,259
Skilled crafts	65,544	2.3	61,009	4,535	6.9	61,422	93.7	58,024	3,398	4,122	2,985	1,137
Service and maintenance	221,087	7.7	136,000	85,087	38.5	179,746	81.3	112,898	66,848	41,341	23,102	18,239
Public 4-year, total	1,470,842	100.0	711,659	759,183	51.6	1,024,769	69.7	492,337	532,432	446,073	219,322	226,751
Professional staff	987,622	67.1	530,790	456,832	46.3	625,746	63.4	342,826	282,920	361,876	187,964	173,912
Executive/administrative/managerial	64,336	4.4	36,317	28,019	43.6	62,200	96.7	35,389	26,811	2,136	928	1,208
Faculty (instruction and research)	417,086	28.4	260,052	157,034	37.7	302,598	72.6	199,146	103,452	114,488	60,906	53,582
Instruction and research assistants	196,393	13.4	108,449	87,944	44.8	0	0	0	0	196,393	108,449	87,944
Non-faculty professionals	309,807	21.1	125,972	183,835	59.3	260,948	84.2	108,291	152,657	48,859	17,681	31,178
Nonprofessional staff	483,220	32.9	180,869	302,351	62.6	399,023	82.6	149,511	249,512	84,197	31,358	52,839
Technical and paraprofessionals	106,023	7.2	43,785	62,238	58.7	83,362	78.6	35,179	48,183	22,661	8,606	14,055
Clerical and secretarial	219,431	14.9	29,486	189,945	86.6	176,928	80.6	17,313	159,615	42,503	12,173	30,330
Skilled crafts	41,413	2.8	39,130	2,283	5.5	40,033	96.7	37,989	2,044	1,380	1,141	239
Service and maintenance	116,353	7.9	68,468	47,885	41.2	98,700	84.8	59,030	39,670	17,653	9,438	8,215
Public 2-year, total	517,967	100.0	232,339	285,628	55.1	259,186	50.0	111,078	148,108	258,781	121,261	137,520
Professional staff	364,703	70.4	179,384	185,319	50.8	156,713	43.0	76,011	80,702	207,990	103,373	104,617
Executive/administrative/managerial	21,459	4.1	11,204	10,255	47.8	20,552	95.8	10,762	9,790	907	442	465
Faculty (instruction and research)	296,239	57.2	150,465	145,774	49.2	104,654	35.3	53,528	51,126	191,585	96,937	94,648
Instruction and research assistants	4,170	0.8	1,946	2,224	53.3	0	0	0	0	4,170	1,946	2,224
Non-faculty professionals	42,835	8.3	15,769	27,066	63.2	31,507	73.6	11,721	19,786	11,328	4,048	7,280
Nonprofessional staff	153,264	29.6	52,955	100,309	65.4	102,473	66.9	35,067	67,406	50,791	17,888	32,903
Technical and paraprofessionals	37,527	7.2	14,518	23,009	61.3	24,184	64.4	9,455	14,729	13,343	5,063	8,280
Clerical and secretarial	77,771	15.0	10,370	67,401	86.7	49,560	63.7	3,469	46,091	28,211	6,901	21,310
Skilled crafts	6,710	1.3	5,783	927	13.8	5,214	77.7	4,784	430	1,496	999	497
Service and maintenance	31,256	6.0	22,284	8,972	28.7	23,515	75.2	17,359	6,156	7,741	4,925	2,816
Private 4-year, total	857,820	100.0	405,505	452,315	52.7	610,302	71.1	282,718	327,584	247,518	122,787	124,731
Professional staff	569,579	66.4	302,968	266,611	46.8	378,826	66.5	200,417	178,409	190,753	102,551	88,202
Executive/administrative/managerial	69,626	8.1	34,450	35,176	50.5	66,665	95.7	33,258	33,407	2,961	1,192	1,769
Faculty (instruction and research)	296,737	34.6	182,412	114,325	38.5	174,352	58.8	113,104	61,248	122,385	69,308	53,077
Instruction and research assistants	38,597	4.5	21,912	16,685	43.2	0	0	0	0	38,597	21,912	16,685
Non-faculty professionals	164,619	19.2	64,194	100,425	61.0	137,809	83.7	54,055	83,754	26,810	10,139	16,671
Nonprofessional staff	288,241	33.6	102,537	185,704	64.4	231,476	80.3	82,301	149,175	56,765	20,236	36,529
Technical and paraprofessionals	53,279	6.2	21,462	31,817	59.7	42,765	80.3	17,382	25,383	10,514	4,080	6,434
Clerical and secretarial	146,191	17.0	21,182	125,009	85.5	116,469	79.7	14,223	102,246	29,722	6,959	22,763
Skilled crafts	17,151	2.0	15,901	1,250	7.3	15,928	92.9	15,067	861	1,223	834	389
Service and maintenance	71,620	8.3	43,992	27,628	38.6	56,314	78.6	35,629	20,685	15,306	8,363	6,943
Private 2-year, total	36,546	100.0	16,309	20,237	55.4	24,419	66.8	10,704	13,715	12,127	5,605	6,522
Professional staff	28,957	79.2	13,740	15,217	52.6	18,888	65.2	8,812	10,076	10,069	4,928	5,141
Executive/administrative/managerial	4,467	12.2	1,912	2,555	57.2	4,305	96.4	1,851	2,454	162	61	101
Faculty (instruction and research)	17,768	48.6	9,540	8,228	46.3	9,333	52.5	5,261	4,072	8,435	4,279	4,156
Instruction and research assistants	578	1.6	300	278	48.1	0	0	0	0	578	300	278
Non-faculty professionals	6,144	16.8	1,988	4,156	67.6	5,250	85.4	1,700	3,550	894	288	606
Nonprofessional staff	7,589	20.8	2,569	5,020	66.1	5,531	72.9	1,892	3,639	2,058	677	1,381
Technical and paraprofessionals	1,663	4.6	707	956	57.5	1,290	77.6	582	708	373	125	248
Clerical and secretarial	3,798	10.4	411	3,387	89.2	2,777	73.1	246	2,531	1,021	165	856
Skilled crafts	270	0.7	195	75	27.8	247	91.5	184	63	23	11	12
Service and maintenance	1,858	5.1	1,256	602	32.4	1,217	65.5	880	337	641	376	265

NOTE: Percentages may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Staff, 1999" survey. (This table was prepared June 2001.)

Table 227.—Staff and student/staff ratios in degree-granting institutions, by type and control of institution and by state: Fall 1999

State or other area	Full-time-equivalent staff				Full-time-equivalent faculty				Full-time-equivalent students per FTE staff				Full-time-equivalent students per FTE faculty				Full-time equivalent faculty as a percent of FTE staff			
	Public		Private		Public		Private		Public		Private		Public		Private		Public		Private	
	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
United States	**1,200,226**	**349,964**	**706,421**	**28,915**	**340,145**	**167,485**	**216,702**	**12,252**	**4.1**	**8.8**	**3.8**	**7.9**	**14.5**	**18.4**	**12.4**	**18.7**	**28.3**	**47.9**	**30.7**	**42.4**
Alabama	33,029	5,292	3,911	179	7,021	2,582	1,423	68	3.2	8.7	5.8	4.3	15.1	17.8	15.9	11.4	21.3	48.8	36.4	37.8
Alaska	3,606	44	239	45	1,248	16	87	19	4.5	7.0	2.7	6.3	12.9	19.9	7.4	15.2	34.6	35.3	36.4	41.8
Arizona	21,334	6,681	3,169	820	4,968	2,811	1,390	374	4.1	13.0	12.4	9.1	17.4	30.9	28.3	20.0	23.3	42.1	43.8	45.6
Arkansas	16,570	2,910	2,107	63	4,295	1,318	659	20	3.5	7.7	5.1	5.7	13.4	16.9	16.2	17.7	25.9	45.3	31.3	31.9
California	108,988	48,659	53,137	3,859	34,042	28,890	16,486	1,521	4.3	12.3	4.6	8.2	13.6	20.8	14.9	20.9	31.2	59.4	31.0	39.4
Colorado	23,029	4,838	5,134	498	8,640	2,129	1,890	239	4.8	8.6	5.6	9.8	12.7	19.5	15.3	20.5	37.5	44.0	36.8	47.9
Connecticut	11,458	2,634	16,859	223	2,998	1,225	5,457	115	3.9	7.7	2.8	8.1	14.8	16.6	8.7	15.7	26.2	46.5	32.4	51.6
Delaware	4,706	1,117	809	25	1,129	452	415	12	4.5	6.6	7.7	5.1	19.0	16.3	15.0	10.5	24.0	40.5	51.2	48.0
District of Columbia	925	—	21,861	—	498	—	5,807	—	3.5	—	2.5	—	6.5	—	9.4	—	53.8	—	26.6	—
Florida	35,383	23,938	23,050	1,696	10,899	9,249	7,545	771	5.1	7.3	4.5	8.3	16.7	19.0	13.7	18.4	30.8	38.6	32.7	45.5
Georgia	36,939	6,427	16,128	532	9,103	2,903	5,351	196	3.6	7.0	3.8	6.7	14.8	15.4	11.6	18.2	24.6	45.2	33.2	36.8
Hawaii	4,457	1,485	1,600	157	2,031	831	747	74	3.9	10.7	7.2	9.8	8.5	19.1	15.4	20.7	45.6	56.0	46.7	47.4
Idaho	5,654	1,175	449	890	1,951	409	175	395	6.0	5.4	6.0	9.7	17.3	15.6	15.5	21.9	34.5	34.9	38.9	44.4
Illinois	44,083	18,788	48,626	785	11,604	8,442	14,136	315	3.7	9.9	3.2	6.3	14.1	22.1	11.0	15.8	26.3	44.9	29.1	40.1
Indiana	34,400	3,678	13,565	563	9,430	1,606	4,372	224	4.5	6.7	4.5	9.6	16.3	15.4	13.8	24.2	27.4	43.7	32.2	39.7
Iowa	17,931	5,475	8,641	284	4,179	2,298	3,072	116	3.4	8.2	4.9	7.9	14.6	19.5	13.8	19.4	23.3	42.0	35.5	40.7
Kansas	17,445	5,641	2,622	306	4,842	2,331	1,012	102	4.2	6.9	5.6	4.1	15.0	16.6	14.5	12.4	27.8	41.3	38.6	33.3
Kentucky	22,492	2,497	4,939	582	6,382	1,238	1,688	263	3.8	11.5	5.1	8.1	13.5	23.3	14.8	17.9	28.4	49.6	34.2	45.1
Louisiana	23,594	2,939	7,002	291	7,606	1,630	2,151	121	5.4	9.6	3.7	8.4	16.7	17.3	12.2	20.1	32.2	55.4	30.7	41.7
Maine	5,124	760	3,179	144	1,538	376	933	79	4.7	6.4	4.0	9.7	15.7	12.9	13.6	17.8	30.0	49.5	29.3	54.4
Maryland	22,689	7,893	14,972	76	7,291	3,792	3,916	42	4.0	7.2	2.3	7.3	12.6	15.1	8.8	13.3	32.1	48.0	26.2	54.9
Massachusetts	17,942	6,197	63,395	760	5,038	2,586	15,924	295	4.4	7.6	3.1	7.5	15.6	18.3	12.3	19.4	28.1	41.7	25.1	38.9
Michigan	48,449	10,845	10,769	290	14,094	4,993	3,878	124	4.5	9.2	6.7	6.7	15.6	20.0	18.7	15.7	29.1	46.0	36.0	42.8
Minnesota	22,651	6,948	10,108	1,079	5,764	3,833	3,718	542	4.0	8.9	5.3	8.8	15.8	16.2	14.4	17.5	25.4	55.2	36.8	50.3
Mississippi	18,743	5,598	1,681	159	3,253	2,589	593	54	2.9	8.2	5.6	4.7	16.8	17.8	15.9	13.7	17.4	46.2	35.3	34.2
Missouri	26,041	5,615	22,567	875	7,800	2,679	7,280	400	3.7	8.3	3.7	7.9	12.5	17.4	11.4	17.3	30.0	47.7	32.3	45.7
Montana	5,575	586	768	94	1,823	277	260	28	5.1	8.2	4.4	5.2	15.5	17.4	13.1	17.3	32.7	47.3	33.8	30.0
Nebraska	11,920	2,581	4,168	164	3,438	1,083	1,476	77	3.7	8.1	4.3	9.9	12.9	19.2	12.2	21.0	28.8	41.9	35.4	47.0
Nevada	5,431	1,891	262	187	1,827	852	129	68	4.8	11.6	9.7	9.1	14.3	25.7	19.7	25.1	33.6	45.0	49.2	36.4
New Hampshire	3,754	1,266	5,949	94	1,130	788	1,505	32	5.6	4.0	3.6	9.1	18.5	6.5	14.3	26.7	30.1	62.2	25.3	34.0
New Jersey	29,495	8,443	12,179	318	8,176	3,569	3,671	135	3.7	9.2	4.1	8.7	13.4	21.8	13.6	20.6	27.7	42.3	30.1	42.4
New Mexico	13,921	4,463	1,093	156	2,970	1,776	522	67	2.9	6.7	6.1	7.1	13.6	16.9	12.8	16.7	21.3	39.8	47.8	42.8
New York	56,949	19,737	105,217	2,424	17,791	9,070	32,954	1,003	4.7	8.2	3.4	8.0	15.1	17.8	11.0	19.4	31.2	46.0	31.3	41.4
North Carolina	35,326	16,298	30,617	202	9,260	8,933	6,729	102	3.9	5.9	2.2	6.0	15.0	10.8	9.8	11.9	26.2	54.8	22.0	50.6
North Dakota	5,255	1,027	473	226	1,793	405	238	46	4.6	7.0	7.8	2.2	13.4	17.7	15.5	10.6	34.1	39.4	50.2	20.3
Ohio	52,600	9,402	22,733	1,160	14,063	4,758	7,914	494	4.1	9.7	4.6	8.2	15.5	19.2	13.3	19.3	26.7	50.6	34.8	42.6
Oklahoma	17,599	4,678	3,765	393	5,111	1,902	1,332	149	4.5	7.7	5.0	6.0	15.4	18.9	14.1	15.9	29.0	40.7	35.4	37.8
Oregon	18,436	7,529	4,904	101	6,053	3,296	1,851	51	3.1	6.0	4.7	9.4	9.6	13.7	12.6	18.7	32.8	43.8	37.7	50.4
Pennsylvania	46,716	7,993	55,928	3,903	16,246	4,598	18,082	1,723	4.5	7.3	3.5	7.8	12.8	12.6	10.8	17.7	34.8	57.5	32.3	44.1
Rhode Island	3,441	677	7,889	—	1,038	281	1,995	—	5.2	12.6	4.1	—	17.3	30.5	16.1	—	30.2	41.5	25.3	—
South Carolina	18,632	5,548	4,546	181	5,685	2,504	1,591	65	4.0	7.4	5.7	6.8	13.0	16.4	16.2	19.1	30.5	45.1	35.0	35.8
South Dakota	4,146	561	1,139	30	1,425	316	429	22	5.6	8.4	5.6	3.8	16.3	14.9	14.9	5.0	34.4	56.4	37.7	74.9
Tennessee	30,357	4,891	21,616	595	7,668	1,979	5,005	180	3.3	9.6	2.3	6.5	13.1	23.8	10.0	21.4	25.3	40.5	23.2	30.2
Texas	84,509	32,527	23,849	1,374	21,384	14,571	7,473	565	4.1	7.9	4.0	8.9	16.2	17.7	12.8	21.6	25.3	44.8	31.3	41.1
Utah	17,772	1,850	5,041	266	4,083	661	1,776	120	3.7	11.0	6.9	10.2	16.1	30.7	19.5	22.5	23.0	35.7	35.2	45.3
Vermont	4,065	277	3,753	295	1,271	155	1,109	165	3.4	7.3	3.6	2.1	10.8	13.1	12.2	3.7	31.3	55.8	29.6	56.0
Virginia	37,215	4,830	11,633	796	10,960	1,934	3,869	363	3.9	14.9	4.3	6.9	13.4	37.1	12.9	15.1	29.5	40.0	33.3	45.6
Washington	27,794	11,383	5,755	361	6,176	5,409	2,158	174	3.0	9.7	5.9	9.2	13.3	20.3	15.7	19.2	22.2	47.5	37.5	48.1
West Virginia	10,125	502	1,918	185	3,714	205	586	79	5.7	8.4	4.6	10.8	15.6	20.5	15.2	25.3	36.7	41.0	30.6	42.8
Wisconsin	26,445	11,341	10,703	37	7,640	6,246	3,943	13	4.9	5.0	4.1	4.5	16.9	9.1	11.2	13.0	28.9	55.1	36.8	34.3
Wyoming	2,689	1,611	—	189	843	713	—	52	3.5	6.6	—	5.6	11.1	15.0	—	20.5	31.3	44.3	—	27.3
U.S. Service Schools	2,395	—	—	—	934	—	—	—	5.6	—	—	—	14.3	—	—	—	39.0	—	—	—
Outlying areas	12,849	1,244	7,502	722	4,551	468	3,283	290	5.3	4.3	10.4	12.2	14.9	11.3	23.7	30.3	35.4	37.7	43.8	40.2
American Samoa	—	215	—	—	—	59	—	—	—	3.6	—	—	—	13.0	—	—	—	27.5	—	—
Federated States of Micronesia	—	191	—	—	—	70	—	—	—	6.6	—	—	—	18.0	—	—	—	36.5	—	—
Guam	608	208	—	—	209	94	—	—	5.1	4.2	—	—	14.9	9.4	—	—	34.3	45.2	—	—
Marshall Islands	—	105	—	—	—	45	—	—	—	4.4	—	—	—	10.1	—	—	—	43.0	—	—
Northern Marianas	—	180	—	—	—	86	—	—	—	4.0	—	—	—	8.3	—	—	—	47.8	—	—
Palau	—	176	—	—	—	40	—	—	—	2.5	—	—	—	10.9	—	—	—	22.9	—	—
Puerto Rico	11,777	169	7,502	722	4,202	74	3,283	290	5.3	4.6	10.4	12.2	14.9	10.6	23.7	30.3	35.7	43.8	43.8	40.2
Virgin Islands	465	—	—	—	140	—	—	—	4.0	—	—	—	13.4	—	—	—	30.1	—	—	—

—Not available or not applicable.

NOTE: Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Staff, 1999" and "Fall Enrollment, 1999" surveys. (This table was prepared July 2001.)

Table 228.—Full-time and part-time senior instructional faculty in degree-granting institutions, by employment status, control, and type of institution: Fall 1970 to fall 1999

[In thousands]

Year	Total	Employment status[1]		Control				Type	
					Private				
		Full-time	Part-time	Public	Total	Not-for-profit	For-profit	4-year	2-year
1	2	3	4	5	6	7	8	9	10
1970	474	369	104	314	160	—	—	382	92
1971[2]	492	379	113	333	159	—	—	387	105
1972	500	380	120	343	157	—	—	384	116
1973[2]	527	389	138	365	162	—	—	401	126
1974[2]	567	406	161	397	170	—	—	427	140
1975[2]	628	440	188	443	185	—	—	467	161
1976	633	434	199	449	184	—	—	467	166
1977	678	448	230	492	186	—	—	485	193
1979[2]	675	445	230	488	187	—	—	494	182
1980[2]	686	450	236	495	191	—	—	494	192
1981	705	461	244	509	196	—	—	493	212
1982[2]	710	462	248	506	204	—	—	493	217
1983	724	471	254	512	212	—	—	504	220
1984[2]	717	462	255	505	212	—	—	504	213
1985[2]	715	459	256	503	212	—	—	504	211
1986[2]	722	459	263	510	212	—	—	506	216
1987[3]	793	523	270	553	240	—	—	548	246
1989[3]	824	524	300	577	247	—	—	584	241
1991[3]	826	536	291	581	245	—	—	591	235
1993[3]	915	546	370	650	265	254	11	626	290
1995[3]	932	551	381	657	275	261	14	647	285
1997[3,4]	990	569	421	695	295	271	24	683	307
1999[3,4]	1,028	591	437	713	315	285	30	714	314

—Not available.

[1] Includes faculty members with the title of professor, associate professor, assistant professor, instructor, lecturer, assisting professor, adjunct professor, or interim professor (or the equivalent). Excluded are graduate students with titles such as graduate or teaching fellow who assist senior faculty.

[2] Estimated on the basis of enrollment.

[3] Because of revised survey methods, data are not directly comparable with figures for years prior to 1987.

[4] Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

NOTE: Data exclude faculty employed by system offices. Data for 1970 through 1995 are for 4-year and 2-year institutions that were accredited by an agency or organization that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. For methodological details on estimates, see National Center for Education Statistics, *Projections of Education Statistics to 2000.* Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Employees in Institutions of Higher Education*, various years; *Projections of Education Statistics to 2000;* Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" surveys; and U.S. Equal Employment Opportunity Commission, *Higher Education Staff Information (EEO-6) Survey*, 1977, 1981, and 1983. (This table was prepared July 2001.)

Table 229.—Full-time instructional faculty in degree-granting institutions, by race/ethnicity, academic rank, and sex: Fall 1999

Academic rank and sex	Total	White, non-Hispanic	Minority		Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Race/ethnicity unknown
			Number	Percent						
1	2	3	4	5	6	7	8	9	10	11
Men and women, all ranks	**590,937**	**489,206**	**82,393**	**14.4**	**29,222**	**16,498**	**34,112**	**2,561**	**7,190**	**12,148**
Professors	161,309	142,852	16,950	10.6	4,784	2,913	8,786	467	774	733
Associate professors	128,826	109,037	17,773	14.0	6,462	3,161	7,752	398	1,121	895
Assistant professors	134,791	104,674	22,999	18.0	8,431	4,237	9,718	613	3,241	3,877
Instructors	80,089	64,803	13,115	16.8	5,375	3,724	3,407	609	819	1,352
Lecturers	16,057	12,964	2,302	15.1	883	660	692	67	451	340
Other faculty	69,865	54,876	9,254	14.4	3,287	1,803	3,757	407	784	4,951
Men, all ranks	371,039	307,814	49,706	13.9	14,660	9,622	23,975	1,449	4,541	8,978
Professors	127,684	113,304	13,105	10.4	3,078	2,157	7,519	351	648	627
Associate professors	83,359	70,137	11,677	14.3	3,601	1,977	5,865	234	846	699
Assistant professors	74,127	56,463	12,672	18.3	3,882	2,291	6,199	300	1,892	3,100
Instructors	39,599	32,009	6,339	16.5	2,337	1,939	1,737	326	443	808
Lecturers	7,465	6,043	1,008	14.3	386	278	310	34	250	164
Other faculty	38,805	29,858	4,905	14.1	1,376	980	2,345	204	462	3,580
Women, all ranks	219,898	181,392	32,687	15.3	14,562	6,876	10,137	1,112	2,649	3,170
Professors	33,625	29,548	3,845	11.5	1,706	756	1,267	116	126	106
Associate professors	45,467	38,900	6,096	13.5	2,861	1,184	1,887	164	275	196
Assistant professors	60,664	48,211	10,327	17.6	4,549	1,946	3,519	313	1,349	777
Instructors	40,490	32,794	6,776	17.1	3,038	1,785	1,670	283	376	544
Lecturers	8,592	6,921	1,294	15.8	497	382	382	33	201	176
Other faculty	31,060	25,018	4,349	14.8	1,911	823	1,412	203	322	1,371

NOTE: Percents are based on the number of faculty members who were U.S. citizens and who were reported by race/ethnicity. Data exclude faculty employed by system offices. Totals may differ from figures reported in other tables because of varying survey methodologies.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Staff, 1999" survey. (This table was prepared July 2001.)

Table 230.—Full-time and part-time instructional faculty and staff in degree-granting institutions, by selected characteristics and type and control of institution: Fall 1992 and fall 1998

Selected characteristics	Number in thousands, 1992	Fall 1998										
		Number in thousands	Total	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
	Full-time instructional faculty											
Total, (in thousands)[1]	**528**	**560**	**560.4 (4.8)**	**137.5 (2.3)**	**39.0 (1.7)**	**58.1 (1.6)**	**20.7 (0.6)**	**83.0 (1.9)**	**37.5 (1.1)**	**47.6 (1.3)**	**102.5 (1.7)**	**34.6 (1.5)**
Percent[1]	—	—	**100.0 —**	**24.5 (0.4)**	**7.0 (0.3)**	**10.4 (0.3)**	**3.7 (0.1)**	**14.8 (0.3)**	**6.7 (0.2)**	**8.5 (0.2)**	**18.3 (0.3)**	**6.2 (0.3)**
			Percentage distribution									
Total[1]	—	—	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**
Sex												
Male	353	357	63.7 (0.6)	70.5 (1.0)	73.9 (2.0)	66.7 (1.7)	63.6 (2.9)	61.7 (1.4)	63.3 (2.1)	62.2 (1.9)	50.1 (1.3)	67.9 (3.6)
Female	176	203	36.3 (0.6)	29.5 (1.0)	26.2 (2.0)	33.3 (1.7)	36.4 (2.9)	38.3 (1.4)	36.7 (2.1)	37.9 (1.9)	49.9 (1.3)	32.1 (3.6)
Race												
White, non-Hispanic	457	477	85.1 (0.5)	84.5 (0.9)	85.6 (2.4)	85.8 (1.4)	81.8 (2.0)	82.6 (1.7)	87.8 (1.8)	88.1 (2.1)	85.3 (1.2)	86.4 (2.6)
Black, non-Hispanic	27	28	5.1 (0.4)	3.2 (0.4)	3.7 (2.0)	3.9 (0.7)	4.4 (1.2)	7.4 (1.3)	4.5 (1.3)	6.4 (1.6)	6.0 (0.7)	7.1 (2.2)
Hispanic	14	19	3.3 (0.2)	3.4 (0.5)	3.5 (0.9)	3.0 (0.8)	3.9 (0.9)	3.6 (0.6)	2.7 (0.9)	1.6 (0.5)	4.6 (0.8)	1.3 (0.4)
Asian/Pacific Islander	28	33	5.8 (0.3)	8.5 (0.8)	7.0 (0.9)	6.0 (0.6)	9.2 (1.3)	5.9 (0.6)	3.7 (0.7)	2.9 (0.5)	3.4 (0.6)	4.6 (1.3)
American Indian/Alaskan Native	3	4	0.7 (0.1)	0.5 (0.1)	0.2 (0.2)	1.3 (0.6)	0.7 (0.4)	0.5 (0.2)	1.2 (0.4)	1.1 (0.4)	0.8 (0.2)	0.6 (0.3)
Age												
29 or younger	8	9	1.6 (0.2)	1.4 (0.3)	0.8 (0.3)	1.5 (0.6)	1.3 (0.7)	1.4 (0.4)	1.8 (0.9)	1.7 (0.4)	1.4 (0.3)	4.3 (2.4)
30 to 34	35	32	5.8 (0.3)	6.3 (0.6)	7.3 (1.6)	5.6 (0.8)	7.5 (1.1)	4.8 (0.7)	6.3 (1.0)	7.0 (1.2)	5.2 (0.6)	2.9 (0.8)
35 to 39	67	60	10.7 (0.4)	10.8 (0.8)	15.3 (3.0)	13.1 (1.4)	10.8 (1.5)	9.2 (0.8)	9.8 (1.3)	11.6 (1.5)	9.1 (0.8)	9.6 (2.0)
40 to 44	90	82	14.6 (0.5)	16.6 (1.0)	13.0 (2.1)	15.4 (1.7)	18.8 (3.1)	12.6 (0.9)	12.2 (1.2)	18.0 (1.8)	12.8 (0.9)	13.3 (1.8)
45 to 49	98	97	17.3 (0.5)	17.3 (0.8)	14.0 (1.8)	16.7 (1.4)	20.1 (3.0)	15.9 (1.2)	17.2 (1.5)	17.2 (1.3)	18.4 (1.1)	20.2 (2.6)
50 to 54	95	105	18.7 (0.5)	17.3 (1.0)	18.3 (1.5)	17.2 (1.3)	16.3 (2.4)	18.2 (1.1)	20.2 (2.3)	15.8 (1.8)	22.8 (1.1)	20.0 (2.7)
55 to 59	67	90	16.1 (0.5)	15.5 (1.0)	16.1 (2.7)	14.8 (1.4)	12.1 (1.7)	18.2 (1.6)	17.7 (2.2)	13.8 (1.6)	18.4 (1.0)	12.8 (1.3)
60 to 64	45	55	9.8 (0.4)	8.7 (0.7)	7.9 (1.4)	9.5 (1.2)	8.8 (1.5)	13.1 (1.3)	10.9 (1.3)	10.3 (1.4)	8.7 (0.8)	10.9 (1.8)
65 or older	24	31	5.5 (0.3)	6.1 (0.7)	7.5 (1.3)	6.4 (1.3)	4.2 (0.9)	6.7 (0.9)	4.1 (0.9)	4.6 (0.9)	3.2 (0.5)	6.0 (2.1)
Highest degree												
Less than bachelor's	6	7	1.2 (0.1)	0.1 (0.1)	(2) (2)	0.2 (0.1)	0.5 (0.3)	0.2 (0.1)	0.1 (0.1)	0.3 (0.2)	5.6 (0.7)	0.7 (0.3)
Bachelor's	21	23	4.0 (0.3)	1.8 (0.4)	1.6 (0.8)	1.4 (0.3)	1.2 (0.5)	2.1 (0.5)	2.3 (0.8)	2.0 (0.6)	12.7 (1.1)	5.3 (1.3)
Master's	156	156	27.8 (0.7)	13.3 (1.1)	6.6 (1.1)	15.3 (1.5)	11.0 (1.5)	25.1 (1.3)	30.4 (2.7)	34.4 (2.9)	61.7 (1.6)	34.6 (4.0)
First professional	58	52	9.2 (0.6)	12.1 (1.2)	22.7 (3.4)	18.9 (2.7)	25.2 (4.5)	2.3 (0.6)	5.1 (1.0)	2.6 (0.7)	1.9 (0.4)	9.0 (2.8)
Doctoral	284	324	57.7 (0.8)	72.7 (1.6)	69.1 (3.4)	64.2 (2.6)	62.1 (4.2)	70.3 (1.4)	62.1 (2.7)	60.7 (2.8)	18.2 (1.2)	50.3 (4.3)
Academic rank												
Full professor	161	172	30.7 (0.7)	36.1 (1.5)	41.9 (2.7)	29.9 (2.1)	27.6 (2.4)	33.0 (1.8)	31.4 (2.5)	24.9 (2.0)	21.7 (1.5)	28.4 (3.4)
Associate professor	124	132	23.6 (0.6)	27.2 (1.3)	24.0 (3.2)	27.6 (1.8)	28.2 (2.6)	26.3 (1.6)	26.6 (1.9)	26.3 (2.3)	12.1 (1.1)	19.3 (2.3)
Assistant professor	124	125	22.3 (0.6)	21.9 (0.9)	22.5 (2.5)	28.3 (1.9)	26.3 (2.1)	25.6 (1.4)	25.6 (1.9)	30.4 (2.2)	10.8 (1.1)	23.0 (3.2)
Instructor	74	75	13.4 (0.6)	5.4 (0.8)	4.1 (1.2)	7.2 (1.1)	11.7 (2.4)	7.9 (1.0)	9.3 (1.5)	10.5 (1.6)	38.9 (2.1)	12.7 (2.2)
Lecturer	12	14	2.5 (0.3)	3.5 (0.7)	3.9 (0.9)	2.6 (0.9)	1.1 (0.6)	4.1 (0.7)	1.7 (0.5)	0.9 (0.4)	0.5 (0.2)	3.1 (2.4)
Other	17	26	4.7 (0.3)	5.6 (0.8)	3.6 (0.9)	3.7 (0.6)	4.0 (0.8)	2.8 (0.4)	4.4 (1.3)	4.9 (1.2)	6.5 (0.6)	3.8 (0.9)
No rank	17	16	2.8 (0.4)	0.3 (0.2)	0.1 (0.1)	0.6 (0.2)	1.1 (0.5)	0.3 (0.2)	1.2 (0.4)	2.2 (1.9)	9.5 (0.9)	9.7 (3.8)
Base salary												
Under $10,000	14	10	1.7 (0.2)	0.9 (0.3)	0.9 (0.3)	2.2 (1.1)	1.8 (0.8)	1.8 (0.4)	2.9 (1.0)	2.3 (0.5)	1.9 (0.3)	2.7 (0.7)
$10,000 to 24,999	29	19	3.4 (0.3)	3.7 (0.6)	3.6 (0.9)	3.1 (0.7)	1.8 (0.6)	3.3 (0.6)	4.4 (1.1)	5.0 (1.0)	2.9 (0.5)	2.8 (0.9)
$25,000 to 39,999	182	124	22.1 (0.8)	11.3 (1.0)	5.5 (1.2)	16.6 (1.7)	11.3 (1.7)	23.5 (1.8)	23.0 (2.2)	37.9 (3.1)	35.0 (1.8)	34.9 (4.2)
$40,000 to 54,999	164	171	30.5 (0.7)	24.2 (1.2)	20.2 (2.8)	24.8 (1.7)	26.3 (2.3)	36.5 (1.8)	34.6 (2.3)	35.5 (2.5)	36.4 (1.4)	36.6 (3.5)
$55,000 to 69,999	77	106	19.0 (0.6)	21.6 (1.1)	17.4 (2.4)	20.1 (1.7)	20.7 (2.8)	21.9 (1.4)	21.3 (2.0)	11.6 (1.6)	17.1 (1.2)	12.8 (2.5)
$70,000 to 84,999	32	58	10.3 (0.5)	15.9 (1.0)	14.6 (2.2)	13.2 (1.4)	13.4 (2.4)	9.2 (0.9)	7.3 (1.5)	5.2 (1.0)	5.5 (0.8)	3.8 (1.1)
$85,000 to 99,999	11	28	5.0 (0.3)	9.0 (0.7)	10.1 (1.5)	6.8 (1.0)	6.3 (1.3)	2.6 (0.6)	3.9 (1.7)	1.6 (0.7)	0.8 (0.3)	4.0 (2.3)
$100,000 or more	20	44	7.9 (0.6)	13.5 (1.2)	27.7 (3.4)	13.3 (2.3)	18.4 (3.5)	1.2 (0.4)	2.5 (0.7)	0.9 (0.3)	0.3 (0.1)	2.5 (1.1)

Table 230.—Full-time and part-time instructional faculty and staff in degree-granting institutions, by selected characteristics and type and control of institution: Fall 1992 and fall 1998—Continued

Selected characteristics	Number in thousands, 1992	Fall 1998										
		Number in thousands	Total	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
	Part-time instructional faculty											
Total, (in thousands)[1]	**377**	**416**	**416.0 (5.9)**	**35.8 (1.5)**	**14.8 (1.5)**	**25.5 (1.6)**	**18.0 (0.5)**	**48.4 (2.1)**	**36.7 (1.4)**	**33.0 (2.1)**	**170.1 (3.9)**	**33.8 (1.5)**
Percent[1]	**—**	**—**	**100.0 —**	**8.6 (0.4)**	**3.6 (0.4)**	**6.1 (0.4)**	**4.3 (0.1)**	**11.6 (0.5)**	**8.8 (0.3)**	**7.9 (0.5)**	**40.9 (0.9)**	**8.1 (0.4)**
			Percentage distribution									
Total[1]	—	—	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**
Sex												
Male	209	217	52.2 (1.1)	55.2 (3.5)	60.3 (4.6)	49.6 (5.6)	58.6 (3.5)	46.5 (3.0)	59.1 (3.2)	44.0 (4.3)	51.8 (1.6)	54.3 (3.8)
Female	168	199	47.9 (1.1)	44.8 (3.5)	39.8 (4.6)	50.4 (5.6)	41.4 (3.5)	53.5 (3.0)	40.9 (3.2)	56.1 (4.3)	48.2 (1.6)	45.8 (3.8)
Race												
White, non-Hispanic	333	364	87.6 (0.7)	87.1 (2.1)	89.9 (3.6)	87.9 (2.3)	86.8 (2.5)	85.5 (2.8)	93.1 (1.1)	86.7 (2.4)	86.6 (1.2)	90.3 (1.9)
Black, non-Hispanic	18	19	4.5 (0.4)	2.9 (1.1)	3.3 (1.7)	3.6 (1.3)	3.4 (0.8)	4.1 (0.8)	2.7 (0.8)	6.9 (1.9)	5.3 (0.7)	4.6 (1.2)
Hispanic	11	16	3.7 (0.4)	3.5 (0.9)	4.3 (2.1)	3.1 (1.2)	2.3 (0.7)	3.8 (1.0)	2.0 (0.6)	3.1 (1.1)	4.8 (0.8)	2.0 (0.7)
Asian/Pacific Islander	12	13	3.2 (0.4)	4.6 (1.2)	2.5 (1.0)	3.1 (0.9)	7.1 (2.3)	5.5 (2.5)	1.7 (0.5)	3.2 (1.4)	2.3 (0.4)	2.9 (1.1)
American Indian/Alaskan Native	2	4	1.0 (0.2)	1.9 (1.2)	(2) (2)	2.3 (1.5)	0.4 (0.4)	1.2 (0.6)	0.5 (0.3)	0.2 (0.2)	1.0 (0.3)	0.2 (0.2)
Age												
29 or younger	20	15	3.6 (0.4)	6.2 (1.5)	1.3 (0.6)	2.2 (1.0)	1.1 (0.6)	4.3 (1.0)	4.5 (1.7)	3.9 (1.7)	3.7 (0.6)	2.1 (0.8)
30 to 34	36	37	8.9 (0.7)	9.6 (2.2)	6.5 (2.4)	8.3 (2.0)	6.2 (1.3)	8.1 (1.5)	12.1 (2.9)	11.8 (4.2)	8.4 (0.9)	8.5 (1.8)
35 to 39	59	47	11.4 (0.7)	12.7 (2.6)	11.7 (3.3)	14.0 (4.5)	15.2 (2.2)	7.9 (1.3)	9.2 (1.4)	11.2 (1.9)	12.1 (1.1)	9.5 (2.1)
40 to 44	70	60	14.5 (0.8)	14.3 (1.9)	11.8 (4.1)	17.3 (3.6)	14.9 (2.4)	15.1 (2.9)	14.4 (2.1)	15.4 (3.0)	13.8 (1.1)	15.8 (2.6)
45 to 49	68	72	17.3 (0.8)	10.8 (1.5)	14.3 (3.7)	19.5 (3.5)	19.5 (2.6)	17.2 (2.5)	13.7 (2.0)	13.8 (2.2)	19.8 (1.4)	17.9 (2.2)
50 to 54	45	70	16.8 (0.8)	13.1 (2.1)	10.7 (3.5)	16.2 (2.3)	13.4 (2.7)	17.7 (2.3)	16.8 (2.0)	16.9 (3.5)	17.5 (1.2)	20.6 (2.7)
55 to 59	29	47	11.3 (0.6)	16.4 (2.7)	12.9 (4.5)	6.1 (1.7)	10.1 (1.6)	12.0 (2.0)	10.6 (1.8)	9.0 (1.7)	11.8 (1.1)	9.6 (1.3)
60 to 64	23	29	6.9 (0.5)	5.4 (1.4)	10.8 (3.3)	6.5 (1.7)	6.6 (1.6)	8.0 (1.3)	8.0 (1.7)	8.0 (2.5)	6.4 (0.7)	6.2 (2.1)
65 or older	27	38	9.2 (0.6)	11.5 (1.8)	20.1 (5.9)	9.8 (1.8)	13.1 (2.6)	9.7 (1.8)	10.6 (2.5)	10.1 (1.9)	6.5 (0.7)	9.9 (1.8)
Highest degree												
Less than bachelor's	17	20	4.9 (0.5)	0.5 (0.2)	(2) (2)	0.6 (0.6)	0.6 (0.4)	0.9 (0.4)	0.5 (0.3)	1.3 (0.6)	10.8 (1.2)	1.3 (0.6)
Bachelor's	63	59	14.1 (0.7)	8.4 (1.9)	10.7 (3.9)	5.4 (1.5)	9.3 (4.5)	10.8 (1.5)	8.1 (1.5)	13.6 (3.5)	19.8 (1.3)	14.5 (2.6)
Master's	190	225	54.1 (1.2)	43.4 (3.5)	29.8 (6.5)	40.0 (6.8)	41.1 (3.0)	60.0 (2.7)	62.7 (2.9)	57.3 (4.3)	58.6 (1.8)	50.2 (4.4)
First professional	40	36	8.7 (0.8)	15.2 (2.4)	17.2 (4.2)	30.3 (7.9)	19.3 (4.0)	6.8 (1.5)	6.5 (1.2)	4.6 (0.8)	2.7 (0.4)	15.2 (4.4)
Doctoral	59	76	18.2 (0.8)	32.5 (2.8)	42.3 (5.2)	23.7 (3.3)	29.6 (3.5)	21.5 (2.4)	22.2 (2.7)	23.1 (3.1)	8.2 (0.9)	18.8 (3.2)
Academic rank												
Full professor	32	30	7.3 (0.7)	11.8 (1.9)	21.2 (6.1)	7.8 (1.7)	12.5 (2.8)	6.2 (1.7)	7.3 (1.9)	4.4 (1.0)	4.9 (1.2)	9.5 (2.7)
Associate professor	23	19	4.7 (0.5)	10.4 (2.6)	8.1 (3.4)	10.4 (2.0)	9.4 (2.9)	4.4 (1.3)	6.5 (1.7)	3.7 (1.2)	1.7 (0.4)	4.3 (1.5)
Assistant professor	24	23	5.6 (0.6)	8.7 (1.7)	15.3 (5.2)	17.4 (5.7)	8.6 (2.3)	3.8 (0.9)	10.3 (2.0)	5.3 (1.3)	1.4 (0.3)	6.1 (1.8)
Instructor	215	205	49.4 (1.2)	29.5 (3.1)	12.2 (3.1)	36.4 (5.0)	31.2 (5.7)	36.5 (2.8)	37.7 (3.6)	46.2 (4.3)	68.4 (1.7)	44.7 (3.9)
Lecturer	45	46	11.1 (0.8)	23.1 (3.3)	26.3 (8.9)	11.9 (3.6)	11.2 (3.1)	21.6 (3.2)	9.5 (1.9)	18.4 (3.8)	4.2 (0.7)	6.0 (2.1)
Other	28	75	18.1 (0.8)	15.8 (2.6)	16.4 (4.4)	15.3 (2.7)	24.6 (3.9)	24.2 (2.5)	25.1 (2.6)	18.0 (2.7)	14.4 (1.2)	21.9 (2.6)
No rank	9	16	4.0 (0.4)	0.9 (0.4)	0.5 (0.4)	0.9 (0.5)	2.6 (1.5)	3.2 (1.3)	3.6 (1.4)	4.0 (1.5)	5.1 (0.6)	7.6 (2.0)
Base salary												
Under $10,000	281	256	61.6 (1.1)	50.0 (3.5)	44.5 (5.6)	56.9 (4.7)	54.2 (3.6)	70.5 (2.6)	62.0 (3.2)	63.1 (4.4)	64.0 (1.8)	61.9 (4.0)
$10,000 to 24,999	68	112	27.0 (1.0)	31.2 (3.7)	33.0 (6.3)	20.5 (3.7)	30.0 (3.3)	20.1 (1.9)	29.0 (3.1)	22.5 (2.9)	28.0 (1.5)	30.3 (3.7)
$25,000 to 39,999	16	26	6.3 (0.6)	10.7 (1.8)	10.0 (3.8)	8.8 (2.6)	11.9 (3.4)	6.2 (1.4)	4.0 (1.0)	5.7 (1.9)	5.3 (1.1)	4.0 (1.1)
$40,000 to 54,999	5	12	2.8 (0.4)	1.8 (0.5)	5.5 (3.0)	6.6 (2.1)	1.1 (0.7)	1.8 (0.5)	3.0 (0.9)	7.8 (4.0)	1.8 (0.4)	2.7 (1.2)
$55,000 to 69,999	2	4	1.0 (0.2)	2.8 (1.2)	3.8 (2.6)	1.3 (0.8)	0.8 (0.5)	0.8 (0.3)	1.2 (0.6)	0.7 (0.4)	0.6 (0.2)	0.5 (0.3)
$70,000 to 84,999	1	2	0.6 (0.1)	1.5 (0.6)	0.5 (0.4)	2.5 (1.2)	1.0 (0.5)	0.5 (0.2)	0.4 (0.3)	(2) (2)	0.2 (0.1)	0.5 (0.3)
$85,000 to 99,999	1	(3)	0.2 (0.1)	0.4 (0.3)	0.9 (0.7)	1.6 (0.8)	0.3 (0.3)	(2) (2)	0.4 (0.3)	0.1 (0.1)	(2) (2)	(2) (2)
$100,000 or more	3	(3)	0.4 (0.1)	1.7 (0.6)	1.7 (0.9)	1.8 (0.9)	0.7 (0.7)	0.2 (0.1)	(2) (2)	(2) (2)	0.1 (0.1)	0.2 (0.2)

—Not applicable.

[1] Detail may not sum to totals due to rounding or missing data.

[2] Less than 0.05 percent.

[3] Fewer than 500.

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1993 and 1999. (This table was prepared June 2001.)

Table 231.—Full-time and part-time instructional faculty and staff in degree-granting institutions, by type and control, academic rank, age, salary, race/ethnicity, and sex: Fall 1998

Selected characteristics	Number, in thousands	Percent[1]	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian/Pacific Islander		American Indian/Alaskan Native	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
	Full-time instructional faculty and staff											
Number, in thousands[1]	**560 (4.8)**	**—**	**305 (4.9)**	**172 (3.1)**	**15 (1.0)**	**14 (1.0)**	**11 (1.0)**	**7 (0.7)**	**23 (1.3)**	**10 (0.9)**	**3 (0.5)**	**1 (0.2)**
Percentage distribution	**— —**	**100.0**	**54.5 (0.6)**	**30.6 (0.5)**	**2.6 (0.2)**	**2.5 (0.2)**	**2.0 (0.2)**	**1.3 (0.1)**	**4.0 (0.2)**	**1.8 (0.2)**	**0.5 (0.1)**	**0.2 (0.0)**
Type and control												
Public research	138 (2.3)	100.0	60.7 (1.2)	23.8 (1.0)	1.4 (0.2)	1.8 (0.3)	2.0 (0.4)	1.4 (0.4)	6.2 (0.6)	2.3 (0.4)	0.3 (0.1)	0.2 (0.1)
Private research	39 (1.7)	100.0	64.1 (2.4)	21.4 (2.0)	1.9 (0.4)	1.7 (0.5)	2.5 (0.7)	1.0 (0.3)	5.2 (1.0)	1.8 (0.4)	0.1 (0.1)	0.1 (0.1)
Public doctoral	58 (1.6)	100.0	56.7 (2.0)	29.1 (1.8)	1.9 (0.4)	2.0 (0.4)	2.0 (0.6)	1.0 (0.3)	5.2 (0.7)	0.9 (0.2)	0.9 (0.6)	0.3 (0.1)
Private doctoral	21 (0.6)	100.0	51.5 (2.8)	30.4 (2.8)	2.7 (0.6)	1.7 (0.5)	2.6 (0.8)	1.2 (0.4)	6.4 (1.2)	2.9 (0.9)	0.5 (0.3)	0.2 (0.2)
Public comprehensive	83 (1.9)	100.0	51.1 (1.6)	31.5 (1.4)	3.9 (0.5)	3.5 (0.8)	2.3 (0.4)	1.3 (0.3)	4.0 (0.6)	1.8 (0.4)	0.4 (0.1)	0.2 (0.1)
Private comprehensive	38 (1.1)	100.0	54.5 (2.2)	33.3 (2.0)	2.8 (0.6)	1.7 (0.4)	1.9 (0.8)	0.8 (0.3)	3.1 (0.6)	0.7 (0.2)	1.0 (0.4)	0.3 (0.2)
Private liberal arts	48 (1.3)	100.0	54.7 (2.1)	33.4 (1.9)	4.0 (0.7)	2.4 (0.5)	0.8 (0.3)	0.8 (0.3)	2.1 (0.5)	0.7 (0.3)	0.6 (0.3)	0.5 (0.2)
Public 2-year	102 (1.7)	100.0	42.9 (1.3)	42.4 (1.3)	2.4 (0.3)	3.6 (0.4)	2.7 (0.5)	1.9 (0.3)	1.3 (0.3)	2.0 (0.4)	0.7 (0.2)	0.1 (0.1)
Other	35 (1.5)	100.0	59.5 (2.9)	26.9 (2.4)	4.9 (1.8)	2.2 (0.5)	0.9 (0.4)	0.4 (0.3)	2.4 (0.6)	2.2 (0.9)	0.1 (0.1)	0.5 (0.3)
Academic rank												
Full professor	172 (2.8)	100.0	70.7 (1.0)	18.4 (0.8)	2.0 (0.2)	0.9 (0.2)	2.1 (0.4)	0.6 (0.2)	4.1 (0.4)	0.8 (0.2)	0.4 (0.1)	(2) (2)
Associate professor	132 (2.4)	100.0	55.7 (1.3)	29.3 (1.1)	3.0 (0.3)	2.4 (0.3)	1.8 (0.3)	0.9 (0.2)	4.8 (0.5)	1.5 (0.4)	0.4 (0.1)	0.1 (0.1)
Assistant professor	125 (2.1)	100.0	44.1 (1.3)	36.1 (1.2)	3.4 (0.5)	4.0 (0.6)	1.9 (0.3)	1.7 (0.3)	5.3 (0.5)	2.7 (0.4)	0.4 (0.1)	0.4 (0.1)
Instructor or lecturer	89 (2.1)	100.0	40.1 (1.7)	44.2 (1.6)	2.3 (0.3)	2.9 (0.4)	2.5 (0.5)	2.3 (0.4)	2.1 (0.5)	2.6 (0.5)	0.9 (0.4)	0.2 (0.1)
Other	26 (0.7)	100.0	42.1 (2.5)	41.2 (2.4)	2.2 (0.6)	3.7 (0.7)	3.3 (1.3)	1.7 (0.4)	2.3 (0.6)	2.3 (0.8)	0.8 (0.4)	0.5 (0.3)
No rank	16 (0.6)	100.0	52.7 (3.2)	36.5 (3.1)	2.0 (0.9)	2.8 (1.2)	0.9 (0.3)	1.0 (0.5)	0.5 (0.3)	1.6 (0.7)	0.6 (0.4)	1.4 (0.7)
Age												
Under 35	41 (1.4)	100.0	43.6 (2.4)	38.3 (2.2)	1.6 (0.4)	3.1 (0.8)	3.5 (1.1)	1.8 (0.4)	3.6 (0.6)	3.8 (0.8)	0.4 (0.2)	0.3 (0.2)
35 to 44	142 (2.6)	100.0	47.3 (1.3)	33.1 (1.2)	2.5 (0.3)	2.6 (0.4)	2.8 (0.4)	1.9 (0.3)	6.5 (0.6)	2.3 (0.3)	0.7 (0.3)	0.3 (0.1)
45 to 54	202 (2.7)	100.0	50.5 (1.0)	34.6 (0.9)	3.1 (0.4)	2.7 (0.3)	1.8 (0.3)	1.4 (0.3)	3.3 (0.3)	1.8 (0.3)	0.6 (0.1)	0.2 (0.1)
55 to 64	145 (2.4)	100.0	66.8 (1.1)	23.2 (1.0)	2.4 (0.3)	2.1 (0.4)	1.3 (0.3)	0.3 (0.1)	2.5 (0.3)	0.9 (0.2)	0.3 (0.1)	0.1 (0.1)
65 to 69	23 (1.0)	100.0	70.6 (2.9)	16.8 (2.5)	3.0 (0.8)	0.9 (0.5)	1.3 (0.5)	1.1 (0.5)	5.1 (1.5)	0.8 (0.4)	0.2 (0.2)	0.1 (0.1)
70 or older	8 (0.8)	100.0	69.7 (5.0)	18.7 (4.0)	1.6 (0.9)	1.9 (1.2)	1.1 (1.1)	1.5 (0.9)	4.4 (2.3)	0.7 (0.5)	(2) (2)	0.3 (0.3)
Base salary												
Under $10,000	8 (0.7)	100.0	50.4 (6.1)	37.0 (6.4)	3.3 (1.4)	3.8 (1.6)	1.1 (0.6)	1.6 (0.9)	1.4 (0.9)	1.0 (0.7)	(2) (2)	0.4 (0.4)
$10,000 to 24,999	15 (0.9)	100.0	40.4 (4.4)	45.4 (4.3)	1.5 (0.6)	1.6 (0.6)	6.4 (2.8)	0.8 (0.4)	2.4 (0.9)	1.1 (0.7)	0.3 (0.3)	0.2 (0.2)
$25,000 to 39,999	123 (2.3)	100.0	40.8 (1.4)	45.0 (1.3)	2.3 (0.3)	3.5 (0.4)	1.4 (0.3)	1.8 (0.2)	2.0 (0.4)	2.0 (0.3)	0.8 (0.3)	0.4 (0.1)
$40,000 to 54,999	173 (2.3)	100.0	50.3 (1.1)	33.2 (0.9)	3.7 (0.4)	3.1 (0.4)	1.9 (0.3)	1.6 (0.3)	3.6 (0.4)	1.8 (0.3)	0.5 (0.1)	0.2 (0.1)
$55,000 to 69,999	108 (2.2)	100.0	60.1 (1.4)	24.7 (1.2)	2.0 (0.3)	2.1 (0.3)	2.1 (0.4)	1.2 (0.4)	5.0 (0.6)	2.1 (0.5)	0.4 (0.1)	0.2 (0.1)
$70,000 to 84,999	60 (1.5)	100.0	66.9 (1.7)	18.9 (1.5)	2.4 (0.4)	1.3 (0.3)	2.8 (0.8)	0.5 (0.2)	5.4 (0.6)	1.2 (0.4)	0.4 (0.2)	0.1 (0.1)
$85,000 to 99,999	29 (1.3)	100.0	70.4 (2.7)	15.4 (2.3)	2.0 (0.6)	0.7 (0.3)	2.2 (0.6)	0.6 (0.3)	7.3 (1.4)	1.1 (0.4)	0.2 (0.2)	0.1 (0.1)
$100,000 or more	45 (1.3)	100.0	73.1 (1.9)	14.4 (1.6)	1.5 (0.4)	0.7 (0.3)	2.0 (0.5)	0.2 (0.1)	6.1 (1.0)	1.5 (0.4)	0.3 (0.2)	0.1 (0.1)
Total household income												
Under $10,000	1 (0.1)	100.0	47.5 (11.9)	40.1 (11.7)	8.2 (5.5)	(2) (2)	1.1 (1.1)	1.1 (1.1)	2.1 (2.1)	(2) (2)	(2) (2)	(2) (2)
$10,000 to 24,999	15 (0.8)	100.0	52.5 (4.0)	29.0 (3.3)	1.6 (0.7)	5.9 (1.4)	3.8 (2.1)	0.7 (0.3)	4.4 (1.2)	1.4 (0.6)	0.6 (0.4)	(2) (2)
$25,000 to 39,999	31 (1.2)	100.0	41.2 (2.9)	42.8 (2.7)	1.8 (0.5)	2.9 (0.5)	2.6 (0.9)	1.6 (0.5)	4.3 (1.2)	1.5 (0.4)	0.8 (0.4)	0.6 (0.3)
$40,000 to 54,999	59 (1.6)	100.0	48.0 (2.0)	34.5 (1.7)	3.4 (0.5)	5.0 (1.1)	1.7 (0.3)	1.6 (0.4)	3.3 (0.5)	1.4 (0.4)	0.9 (0.5)	0.3 (0.1)
$55,000 to 69,999	63 (1.7)	100.0	54.4 (1.9)	30.4 (1.7)	2.6 (0.4)	2.7 (0.6)	2.5 (0.7)	0.7 (0.2)	4.8 (0.9)	1.1 (0.3)	0.5 (0.2)	0.2 (0.1)
$70,000 to 84,999	67 (1.7)	100.0	54.5 (1.8)	30.0 (1.5)	3.1 (0.5)	2.3 (0.5)	2.1 (0.5)	1.5 (0.5)	3.7 (0.5)	2.0 (0.6)	0.6 (0.2)	0.1 (0.1)
$85,000 to 99,999	57 (1.5)	100.0	62.5 (1.7)	25.6 (1.5)	2.7 (0.4)	2.4 (0.4)	1.3 (0.3)	0.9 (0.2)	2.7 (0.5)	1.3 (0.4)	0.3 (0.2)	0.2 (0.1)
$100,000 or more	266 (3.2)	100.0	55.9 (0.9)	29.6 (0.8)	2.4 (0.3)	1.6 (0.2)	2.0 (0.3)	1.3 (0.2)	4.3 (0.3)	2.1 (0.3)	0.4 (0.1)	0.2 (0.1)

Table 231.—Full-time and part-time instructional faculty and staff in degree-granting institutions, by type and control, academic rank, age, salary, race/ethnicity, and sex: Fall 1998—Continued

Selected characteristics	Number, in thousands	Percent[1]	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian/Pacific Islander		American Indian/Alaskan Native	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
	Part-time instructional faculty and staff											
Number, in thousands[1]	**416 (5.9)**	**—**	**191 (5.2)**	**173 (4.8)**	**10 (1.1)**	**9 (0.9)**	**9 (1.2)**	**7 (0.8)**	**6 (0.8)**	**7 (1.5)**	**1 (0.3)**	**3 (0.8)**
Percentage distribution	**— —**	**100.0**	**45.9 (1.0)**	**41.7 (1.0)**	**2.4 (0.3)**	**2.2 (0.2)**	**2.1 (0.3)**	**1.7 (0.2)**	**1.5 (0.2)**	**1.7 (0.4)**	**0.3 (0.1)**	**0.6 (0.2)**
Type and control												
Public research	36 (1.5)	100.0	48.3 (3.2)	38.8 (3.1)	1.7 (0.8)	1.2 (0.5)	2.1 (0.7)	1.4 (0.5)	2.6 (0.8)	2.0 (0.7)	0.6 (0.3)	1.4 (1.2)
Private research	15 (1.5)	100.0	54.9 (6.2)	35.0 (5.6)	0.8 (0.6)	2.6 (1.7)	2.9 (1.5)	1.5 (0.6)	1.8 (0.8)	0.7 (0.5)	(2) (2)	(2) (2)
Public doctoral	26 (1.6)	100.0	44.8 (4.5)	43.1 (4.2)	2.6 (1.1)	1.1 (0.4)	0.9 (0.4)	2.2 (1.0)	1.4 (0.8)	1.6 (0.8)	(2) (2)	2.3 (1.6)
Private doctoral	18 (0.5)	100.0	50.6 (3.5)	36.2 (3.2)	2.5 (0.8)	0.9 (0.4)	1.3 (0.5)	1.0 (0.5)	4.2 (2.0)	2.8 (0.9)	(2) (2)	0.4 (0.4)
Public comprehensive	48 (2.1)	100.0	40.9 (2.8)	44.6 (2.9)	1.9 (0.5)	2.1 (0.5)	2.1 (0.8)	1.7 (0.5)	1.4 (0.4)	4.1 (2.6)	0.3 (0.2)	0.9 (0.6)
Private comprehensive	37 (1.4)	100.0	54.7 (3.2)	38.3 (3.1)	2.0 (0.8)	0.7 (0.4)	1.3 (0.5)	0.7 (0.4)	0.8 (0.4)	0.9 (0.4)	0.2 (0.2)	0.3 (0.2)
Private liberal arts	33 (2.1)	100.0	37.7 (3.7)	49.0 (4.2)	3.9 (1.8)	2.9 (0.9)	1.3 (0.5)	1.8 (0.8)	0.8 (0.4)	2.3 (1.4)	0.2 (0.2)	(2) (2)
Public 2-year	170 (3.9)	100.0	44.7 (1.6)	41.9 (1.6)	2.5 (0.4)	2.8 (0.4)	2.9 (0.6)	1.9 (0.4)	1.1 (0.2)	1.1 (0.2)	0.5 (0.2)	0.5 (0.3)
Other	34 (1.5)	100.0	49.7 (3.4)	40.6 (3.4)	2.3 (0.8)	2.3 (0.7)	0.4 (0.3)	1.7 (0.6)	1.9 (1.1)	1.0 (0.4)	(2) (2)	0.2 (0.2)
Academic rank												
Full professor	30 (2.3)	100.0	68.0 (3.9)	21.9 (3.3)	1.9 (0.8)	1.1 (0.7)	1.6 (0.6)	0.8 (0.4)	4.2 (1.4)	0.3 (0.2)	(2) (2)	0.2 (0.2)
Associate professor	19 (1.1)	100.0	65.5 (4.0)	23.5 (3.5)	3.3 (1.4)	1.6 (0.7)	1.9 (0.9)	0.6 (0.4)	2.1 (0.9)	1.2 (0.7)	(2) (2)	0.3 (0.3)
Assistant professor	23 (1.3)	100.0	46.2 (4.2)	41.5 (4.0)	2.4 (0.9)	2.7 (0.9)	1.6 (0.9)	1.1 (0.6)	1.9 (1.1)	1.9 (0.7)	(2) (2)	0.7 (0.7)
Instructor or lecturer	252 (4.7)	100.0	41.8 (1.3)	45.6 (1.3)	2.4 (0.3)	2.5 (0.3)	2.1 (0.4)	1.8 (0.3)	1.0 (0.2)	2.0 (0.6)	0.4 (0.1)	0.3 (0.2)
Other	75 (2.0)	100.0	45.9 (2.1)	40.1 (2.1)	2.3 (0.8)	1.7 (0.4)	2.5 (0.8)	2.0 (0.4)	1.6 (0.5)	1.5 (0.4)	0.4 (0.2)	1.9 (0.8)
No rank	16 (1.0)	100.0	44.9 (4.6)	46.2 (4.8)	2.0 (1.2)	1.1 (0.6)	1.4 (0.6)	1.8 (0.9)	1.4 (0.7)	1.2 (0.7)	(2) (2)	0.0 (0.0)
Age												
Under 35	52 (2.4)	100.0	38.9 (3.0)	46.3 (3.2)	1.3 (0.5)	2.3 (0.6)	2.3 (0.6)	3.8 (1.1)	2.4 (0.7)	2.5 (0.6)	0.1 (0.1)	(2) (2)
35 to 44	108 (3.1)	100.0	40.0 (2.0)	45.0 (2.0)	2.5 (0.4)	2.0 (0.4)	2.5 (0.7)	1.8 (0.3)	1.4 (0.4)	3.5 (1.3)	0.3 (0.1)	1.1 (0.5)
45 to 54	142 (3.5)	100.0	45.3 (1.8)	43.9 (1.7)	2.3 (0.5)	2.5 (0.4)	1.9 (0.5)	1.2 (0.3)	0.8 (0.2)	0.9 (0.2)	0.2 (0.1)	0.9 (0.4)
55 to 64	76 (2.3)	100.0	51.6 (2.3)	37.8 (2.2)	2.2 (0.5)	2.1 (0.4)	1.4 (0.3)	1.4 (0.4)	1.8 (0.5)	0.8 (0.3)	0.7 (0.3)	0.1 (0.1)
65 to 69	22 (1.0)	100.0	63.8 (3.6)	24.2 (2.9)	2.3 (0.8)	2.1 (1.0)	3.0 (1.7)	0.7 (0.4)	1.9 (1.6)	0.8 (0.4)	0.7 (0.5)	0.6 (0.4)
70 or older	16 (1.3)	100.0	62.4 (4.8)	26.5 (4.1)	6.5 (3.1)	0.8 (0.5)	1.3 (0.7)	0.5 (0.4)	1.6 (0.9)	0.4 (0.4)	(2) (2)	(2) (2)
Base salary												
Under $10,000	259 (4.5)	100.0	45.9 (1.3)	41.8 (1.3)	2.4 (0.4)	2.4 (0.3)	2.0 (0.4)	1.4 (0.2)	1.4 (0.2)	1.8 (0.5)	0.4 (0.1)	0.6 (0.3)
$10,000 to 24,999	111 (2.9)	100.0	43.8 (1.9)	44.9 (1.9)	1.9 (0.4)	1.9 (0.4)	2.2 (0.6)	2.3 (0.6)	1.1 (0.3)	1.4 (0.3)	0.2 (0.1)	0.3 (0.2)
$25,000 to 39,999	27 (2.0)	100.0	49.7 (4.8)	35.0 (3.9)	2.0 (0.7)	1.7 (0.8)	0.8 (0.3)	2.6 (0.8)	3.2 (1.5)	2.9 (0.9)	0.5 (0.4)	1.5 (1.4)
$40,000 to 54,999	11 (1.5)	100.0	46.3 (8.2)	36.8 (9.6)	8.0 (3.4)	2.0 (0.9)	1.1 (0.8)	1.5 (0.7)	2.1 (1.3)	1.1 (0.8)	(2) (2)	1.0 (0.7)
$55,000 to 69,999	4 (0.5)	100.0	69.0 (7.5)	21.9 (6.4)	2.5 (2.0)	1.1 (0.9)	5.4 (3.3)	(2) (2)	(2) (2)	(2) (2)	(2) (2)	(2) (2)
$70,000 to 84,999	2 (0.2)	100.0	58.9 (11.2)	23.4 (9.8)	1.7 (1.7)	0.9 (0.9)	(2) (2)	(2) (2)	13.2 (9.1)	2.1 (2.1)	(2) (2)	(2) (2)
$85,000 to 99,999	— —	—	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —
$100,000 or more	2 (0.1)	100.0	60.1 (11.2)	19.5 (9.1)	(2) (2)	(2) (2)	15.4 (8.2)	(2) (2)	2.0 (2.1)	2.9 (2.1)	(2) (2)	(2) (2)
Total household income												
Under $10,000	7 (0.6)	100.0	25.2 (5.0)	43.9 (6.5)	7.0 (3.0)	8.7 (5.0)	1.2 (0.7)	3.2 (1.8)	2.3 (1.8)	7.5 (5.7)	1.0 (1.0)	(2) (2)
$10,000 to 24,999	33 (1.6)	100.0	45.0 (3.6)	44.3 (3.6)	1.8 (0.7)	2.5 (0.9)	1.6 (0.7)	1.2 (0.4)	1.0 (0.3)	1.9 (0.8)	0.5 (0.3)	0.2 (0.2)
$25,000 to 39,999	36 (1.8)	100.0	52.8 (3.5)	36.5 (3.2)	1.2 (0.4)	3.3 (1.0)	1.7 (0.5)	1.5 (0.6)	1.3 (0.5)	1.0 (0.4)	0.6 (0.4)	0.1 (0.1)
$40,000 to 54,999	48 (1.7)	100.0	40.4 (2.7)	46.1 (2.8)	3.7 (1.2)	2.3 (0.6)	1.7 (0.4)	1.7 (0.5)	0.5 (0.2)	1.4 (0.4)	0.5 (0.3)	1.7 (1.0)
$55,000 to 69,999	49 (2.3)	100.0	43.8 (3.0)	39.7 (3.0)	2.9 (0.8)	1.9 (0.6)	3.3 (1.3)	3.2 (1.1)	1.1 (0.4)	3.6 (2.5)	0.1 (0.1)	0.5 (0.4)
$70,000 to 84,999	48 (1.6)	100.0	46.1 (2.7)	40.0 (2.6)	3.7 (1.4)	3.0 (0.7)	2.5 (0.9)	2.3 (0.5)	1.6 (0.5)	0.4 (0.2)	0.3 (0.2)	0.1 (0.1)
$85,000 to 99,999	42 (1.7)	100.0	47.1 (3.1)	40.9 (3.1)	2.5 (0.7)	2.2 (0.6)	4.0 (1.4)	1.3 (0.4)	0.7 (0.3)	1.2 (0.4)	(2) (2)	0.2 (0.2)
$100,000 or more	152 (3.9)	100.0	47.6 (1.8)	42.2 (1.8)	1.5 (0.3)	1.3 (0.2)	1.3 (0.4)	1.2 (0.3)	2.1 (0.4)	1.6 (0.3)	0.3 (0.1)	0.8 (0.4)

—Not applicable.

[1] Detail may not sum to totals due to rounding.

[2] Less than 0.05 percent.

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1999 (This table was prepared September 2001.)

Table 232.—Full-time and part-time instructional faculty and staff in degree-granting institutions, by faculty characteristics and field: Fall 1992 and fall 1998

Faculty characteristics	Number in thousands, 1992	Fall 1998											
		Number in thousands	All fields	Agriculture and home economics	Business	Education	Engineering	Fine arts	Health	Humanities	Natural sciences	Social sciences	Other
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Full-time instructional faculty and staff												
Full-time, in thousands[1]	**528**	**560**	**560.4 (4.8)**	**10.5 (0.4)**	**38.7 (1.1)**	**39.9 (1.4)**	**25.0 (0.9)**	**33.3 (1.4)**	**83.8 (2.0)**	**80.8 (1.8)**	**111.3 (2.1)**	**58.4 (1.3)**	**78.7 (2.1)**
Percent[1]	—	—	**100.0 —**	**1.9 (0.1)**	**6.9 (0.3)**	**7.1 (0.3)**	**4.5 (0.3)**	**5.9 (0.3)**	**15.0 (0.4)**	**14.4 (0.4)**	**19.9 (0.5)**	**10.4 (0.4)**	**14.0 (0.5)**
			Percentage distribution of full-time faculty										
Total[1]	**528**	**560**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**
Sex													
Male	353	357	63.7 (0.6)	80.5 (2.9)	65.0 (2.1)	42.5 (2.4)	90.8 (1.8)	68.5 (2.2)	49.8 (1.9)	55.9 (1.6)	75.1 (1.1)	67.6 (1.6)	66.8 (1.7)
Female	176	203	36.3 (0.6)	19.5 (2.9)	35.1 (2.1)	57.5 (2.4)	9.2 (1.8)	31.5 (2.2)	50.2 (1.9)	44.1 (1.6)	24.9 (1.1)	32.4 (1.6)	33.2 (1.7)
Race/ethnicity													
White, non-Hispanic	457	477	85.1 (0.5)	90.7 (1.9)	86.7 (1.4)	83.8 (1.7)	77.0 (2.3)	89.3 (1.4)	85.5 (1.1)	83.9 (1.4)	85.5 (1.0)	84.0 (1.3)	87.3 (1.2)
Black, non-Hispanic	27	28	5.1 (0.4)	4.1 (1.3)	5.3 (0.9)	8.6 (1.5)	2.4 (0.5)	6.7 (1.2)	4.4 (0.6)	4.5 (0.8)	3.1 (0.5)	6.7 (0.8)	6.2 (0.8)
Hispanic	14	19	3.3 (0.2)	1.4 (0.6)	1.6 (0.4)	3.3 (0.6)	3.9 (1.4)	1.1 (0.3)	3.3 (0.5)	6.5 (0.9)	2.9 (0.5)	3.0 (0.5)	2.6 (0.6)
Asian/Pacific Islander	28	33	5.8 (0.3)	2.9 (0.9)	5.2 (0.8)	3.6 (0.9)	16.1 (2.1)	2.3 (0.6)	6.1 (0.7)	4.7 (1.0)	8.2 (0.6)	5.1 (0.8)	2.9 (0.6)
American Indian/ Alaskan Native	3	4	0.7 (0.1)	1.0 (1.0)	1.3 (0.8)	0.8 (0.3)	0.6 (0.4)	0.6 (0.3)	0.7 (0.2)	0.4 (0.2)	0.3 (0.1)	1.3 (0.3)	1.0 (0.3)
Age													
Under 30	8	9	1.6 (0.2)	1.3 (0.8)	1.8 (1.2)	2.5 (1.8)	1.6 (1.2)	1.3 (0.4)	1.3 (0.5)	0.9 (0.2)	1.1 (0.2)	1.1 (0.3)	3.2 (0.7)
30 to 34	35	32	5.8 (0.3)	7.9 (3.0)	4.3 (0.7)	3.2 (0.7)	8.6 (1.7)	3.9 (0.8)	4.4 (0.6)	7.3 (1.0)	6.5 (0.7)	7.1 (0.9)	5.3 (0.7)
35 to 39	67	60	10.7 (0.4)	5.2 (1.6)	10.8 (1.4)	7.1 (0.9)	10.6 (1.4)	10.1 (1.6)	13.9 (1.6)	10.1 (0.9)	12.8 (1.0)	10.3 (1.2)	8.0 (0.9)
40 to 44	90	82	14.6 (0.5)	10.6 (2.1)	13.6 (1.7)	9.8 (1.3)	17.5 (2.6)	16.3 (2.1)	18.4 (1.4)	10.7 (0.9)	15.2 (1.0)	14.4 (1.3)	15.5 (1.3)
45 to 49	98	97	17.3 (0.5)	17.9 (2.7)	16.5 (1.4)	21.4 (2.1)	17.2 (2.3)	16.3 (1.7)	20.4 (1.4)	16.7 (1.3)	14.0 (0.8)	15.8 (1.3)	18.6 (1.3)
50 to 54	95	105	18.7 (0.5)	21.8 (3.1)	22.7 (1.9)	20.7 (1.9)	13.5 (1.6)	23.4 (2.7)	17.8 (1.2)	16.2 (1.2)	19.1 (1.2)	17.5 (1.3)	18.8 (1.4)
55 to 59	67	90	16.1 (0.5)	21.9 (3.3)	17.4 (1.7)	18.3 (2.0)	14.3 (1.8)	14.0 (2.2)	12.8 (1.0)	19.4 (1.3)	14.3 (0.9)	18.2 (1.5)	16.4 (1.7)
60 to 64	45	55	9.8 (0.4)	8.5 (1.7)	9.3 (1.3)	11.8 (1.6)	11.1 (2.0)	11.0 (1.6)	7.1 (0.7)	11.2 (1.1)	10.0 (0.8)	11.3 (1.2)	8.7 (0.9)
65 or older	24	31	5.5 (0.3)	4.9 (1.5)	3.7 (0.7)	5.1 (1.4)	5.7 (1.0)	3.8 (0.8)	3.9 (0.5)	7.7 (1.0)	7.0 (0.9)	4.3 (0.8)	5.6 (1.0)
Degree													
Less than bachelor's	6	7	1.2 (0.1)	1.1 (0.7)	0.3 (0.2)	0.4 (0.2)	1.5 (0.6)	1.4 (0.5)	1.7 (0.3)	0.1 (0.1)	0.4 (0.2)	(2) (2)	4.6 (0.8)
Bachelor's	21	23	4.0 (0.3)	5.3 (1.4)	4.6 (0.9)	1.5 (0.4)	5.3 (1.5)	4.8 (0.9)	5.1 (0.7)	0.9 (0.4)	3.6 (0.6)	0.9 (0.3)	9.4 (1.1)
Master's	156	156	27.8 (0.7)	19.2 (3.1)	42.5 (2.4)	27.2 (2.3)	16.4 (2.2)	58.9 (2.9)	23.0 (1.6)	30.5 (1.6)	20.0 (1.2)	16.0 (1.4)	34.4 (1.9)
First professional	58	52	9.2 (0.6)	0.8 (0.5)	3.9 (0.8)	0.9 (0.3)	0.5 (0.3)	1.4 (0.9)	41.1 (2.1)	2.3 (0.9)	2.0 (0.5)	2.3 (0.9)	12.6 (1.3)
Doctorate	284	324	57.7 (0.8)	73.7 (3.7)	48.7 (2.3)	70.1 (2.4)	76.3 (2.7)	33.6 (2.7)	29.0 (1.7)	66.3 (1.7)	74.1 (1.3)	80.8 (1.6)	39.1 (2.1)
Rank													
Full professor	161	172	30.7 (0.7)	42.9 (4.4)	23.9 (1.9)	24.8 (2.1)	37.3 (2.8)	29.9 (2.6)	21.1 (1.3)	30.9 (1.6)	38.2 (1.5)	38.8 (1.9)	28.8 (2.0)
Associate professor	124	132	23.6 (0.6)	23.2 (3.2)	26.4 (2.1)	23.7 (2.0)	27.9 (2.6)	25.8 (2.6)	28.4 (1.7)	21.5 (1.3)	23.1 (1.2)	24.0 (1.6)	18.0 (1.3)
Assistant professor	124	125	22.3 (0.6)	16.5 (3.4)	19.8 (1.7)	24.8 (2.1)	20.4 (2.3)	21.3 (2.2)	30.5 (1.5)	21.3 (1.4)	20.7 (1.2)	22.6 (1.4)	18.6 (1.3)
Instructor or lecturer	74	75	13.4 (0.6)	8.0 (2.0)	19.5 (2.2)	10.9 (1.5)	8.6 (2.2)	11.9 (2.2)	14.9 (1.2)	15.4 (1.3)	10.1 (0.8)	7.0 (1.1)	20.6 (1.6)
Lecturer	12	14	2.5 (0.3)	2.0 (0.9)	3.4 (0.9)	4.3 (1.9)	0.9 (0.4)	2.1 (0.6)	0.9 (0.2)	5.0 (0.9)	2.0 (0.3)	1.1 (0.3)	3.2 (0.7)
Other/no rank	17	26	4.7 (0.3)	5.6 (1.4)	3.8 (0.7)	8.5 (1.3)	4.3 (1.4)	3.3 (0.7)	3.1 (0.5)	2.3 (0.4)	3.6 (0.5)	4.2 (0.7)	6.8 (0.7)
No rank	17	16	2.8 (0.4)	1.8 (0.9)	3.3 (0.8)	2.9 (0.9)	0.5 (0.4)	5.8 (1.5)	1.1 (0.3)	3.7 (0.7)	2.3 (0.4)	2.3 (0.5)	4.0 (0.7)

Table 232.—Full-time and part-time instructional faculty and staff in degree-granting institutions, by faculty characteristics and field: Fall 1992 and fall 1998—Continued

Faculty characteristics	Number in thousands, 1992	Fall 1998											
		Number in thousands	All fields	Agriculture and home economics	Business	Education	Engineering	Fine arts	Health	Humanities	Natural sciences	Social sciences	Other
1	2	3	4	5	6	7	8	9	10	11	12	13	14
			Part-time instructional faculty and staff										
Part-time, in thousands [1]	**377**	**416**	**416.0 (5.9)**	**2.5 (0.2)**	**31.6 (1.8)**	**33.6 (1.6)**	**9.3 (0.8)**	**38.1 (1.5)**	**48.7 (2.2)**	**74.1 (2.1)**	**65.5 (2.2)**	**41.2 (2.4)**	**71.6 (2.1)**
Percent [1]	—	—	**100.0 —**	**0.6 (0.1)**	**7.6 (0.6)**	**8.1 (0.5)**	**2.2 (0.3)**	**9.2 (0.5)**	**11.7 (0.7)**	**17.8 (0.7)**	**15.7 (0.7)**	**9.9 (0.7)**	**17.2 (0.8)**
			Percentage distribution of part-time faculty										
Total [1]	**377**	**416**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**	**100.0 —**
Sex													
Male	209	217	52.2 (1.1)	34.5 (10.1)	61.9 (4.1)	28.2 (2.8)	95.8 (1.6)	48.5 (3.1)	41.3 (3.8)	44.3 (2.2)	62.8 (2.3)	55.1 (3.7)	61.8 (2.8)
Female	168	199	47.9 (1.1)	65.5 (10.1)	38.1 (4.1)	71.8 (2.8)	4.2 (1.6)	51.5 (3.1)	58.7 (3.8)	55.7 (2.2)	37.3 (2.3)	44.9 (3.7)	38.2 (2.8)
Race/ethnicity													
White, non-Hispanic	333	364	87.6 (0.7)	88.2 (7.0)	91.1 (1.7)	89.2 (2.1)	75.0 (6.2)	92.4 (1.7)	90.2 (1.5)	86.6 (1.4)	86.8 (1.5)	85.2 (2.3)	86.3 (2.2)
Black, non-Hispanic	18	19	4.5 (0.4)	1.3 (1.3)	5.4 (1.4)	5.1 (1.4)	4.9 (2.5)	2.9 (0.9)	2.8 (0.7)	2.7 (0.6)	6.0 (1.1)	8.1 (1.7)	4.4 (0.9)
Hispanic	11	16	3.7 (0.4)	3.9 (3.1)	1.4 (0.4)	3.5 (1.1)	11.2 (5.7)	3.1 (1.3)	1.9 (0.5)	5.8 (1.0)	2.4 (0.5)	4.8 (1.4)	4.1 (0.8)
Asian/Pacific Islander	12	13	3.2 (0.4)	6.6 (6.3)	2.2 (0.6)	0.5 (0.3)	8.1 (2.6)	1.0 (0.3)	3.7 (0.9)	3.7 (0.8)	4.3 (0.8)	1.0 (0.3)	4.3 (2.0)
American Indian/ Alaskan Native	2	4	1.0 (0.2)	(2) (2)	(2) (2)	1.9 (1.3)	0.9 (0.9)	0.7 (0.4)	1.4 (0.8)	1.3 (0.5)	0.5 (0.3)	0.9 (0.4)	1.0 (0.7)
Age													
Under 30	20	15	3.6 (0.4)	(2) (2)	1.3 (0.5)	1.6 (0.5)	(2) (2)	5.3 (1.7)	2.0 (0.6)	7.4 (1.4)	3.8 (0.9)	3.4 (0.8)	2.4 (0.5)
30 to 34	36	37	8.9 (0.7)	15.9 (7.6)	9.4 (4.2)	5.1 (1.5)	3.7 (2.4)	8.6 (1.9)	7.7 (1.8)	9.7 (1.3)	7.9 (1.0)	9.1 (2.5)	11.6 (1.8)
35 to 39	59	47	11.4 (0.7)	25.6 (8.0)	8.1 (1.5)	9.3 (2.1)	13.4 (4.8)	14.6 (2.4)	15.5 (2.9)	7.1 (1.0)	13.6 (1.8)	8.8 (1.7)	12.6 (1.7)
40 to 44	70	60	14.5 (0.8)	18.0 (5.5)	13.7 (2.2)	8.9 (2.0)	19.7 (6.2)	20.4 (2.7)	17.0 (2.2)	13.0 (1.7)	12.8 (1.7)	14.7 (2.0)	16.1 (2.3)
45 to 49	68	72	17.3 (0.8)	18.4 (6.1)	15.6 (2.6)	16.4 (2.8)	8.0 (2.5)	16.5 (1.8)	23.9 (2.4)	14.5 (1.4)	14.9 (1.8)	22.3 (3.9)	18.0 (2.0)
50 to 54	45	70	16.8 (0.8)	16.5 (6.9)	20.1 (2.9)	24.1 (2.8)	14.7 (3.4)	14.9 (1.9)	16.4 (2.4)	15.7 (1.5)	17.3 (2.0)	15.4 (2.6)	15.5 (1.9)
55 to 59	29	47	11.3 (0.6)	(2) (2)	13.4 (2.0)	8.7 (1.4)	17.2 (5.2)	8.7 (1.5)	6.5 (1.4)	13.1 (1.6)	15.3 (2.0)	10.8 (1.8)	10.4 (1.4)
60 to 64	23	29	6.9 (0.5)	3.2 (3.1)	8.3 (1.8)	13.3 (2.8)	6.8 (2.1)	4.9 (1.3)	3.0 (0.8)	7.8 (1.2)	6.1 (1.0)	9.3 (2.4)	5.3 (1.1)
65 or older	27	38	9.2 (0.6)	2.4 (2.4)	10.2 (2.3)	12.8 (1.8)	16.5 (4.4)	6.1 (1.2)	8.1 (1.5)	11.7 (1.4)	8.4 (1.5)	6.3 (1.5)	8.3 (1.8)
Degree													
Less than bachelor's	17	20	4.9 (0.5)	11.6 (5.4)	3.1 (1.4)	0.5 (0.3)	3.7 (1.7)	3.3 (0.9)	7.7 (1.8)	0.2 (0.1)	4.3 (1.3)	0.2 (0.2)	13.4 (1.8)
Bachelor's	63	59	14.1 (0.7)	20.0 (8.2)	18.0 (2.8)	11.9 (2.9)	19.1 (4.4)	27.0 (3.3)	15.1 (2.1)	7.1 (1.1)	14.1 (1.7)	4.1 (1.3)	17.7 (1.9)
Master's	190	225	54.1 (1.2)	54.6 (8.8)	65.7 (3.4)	59.7 (3.5)	32.3 (6.7)	59.5 (3.3)	34.8 (3.7)	69.6 (2.0)	57.6 (2.4)	56.3 (0.4)	39.3 (2.8)
First professional	40	38	8.7 (0.8)	2.7 (2.7)	3.8 (1.0)	2.1 (0.6)	4.2 (2.3)	1.4 (0.5)	33.3 (4.3)	2.9 (0.7)	2.7 (0.8)	6.7 (1.6)	15.2 (2.0)
Doctorate	59	76	18.2 (0.8)	11.1 (4.7)	9.4 (2.0)	25.8 (2.9)	40.7 (7.1)	8.7 (1.6)	9.0 (1.6)	20.2 (1.8)	21.3 (2.0)	32.8 (3.3)	14.5 (2.1)
Rank													
Full professor	32	30	7.3 (0.7)	5.63 (3.9)	6.3 (2.0)	4.3 (1.0)	16.8 (4.1)	6.5 (1.7)	8.1 (1.9)	6.7 (1.1)	7.4 (1.6)	10.0 (4.0)	7.3 (1.4)
Associate professor	23	19	4.7 (0.5)	3.01 (3.0)	3.7 (1.0)	3.5 (1.0)	9.9 (4.5)	3.0 (0.9)	11.3 (1.9)	2.4 (0.7)	4.1 (1.0)	5.5 (1.7)	3.8 (1.0)
Assistant professor	24	23	5.6 (0.6)	2.58 (2.4)	3.0 (0.8)	4.5 (1.0)	2.2 (1.2)	5.7 (1.4)	16.8 (3.7)	3.3 (0.7)	3.4 (0.7)	6.2 (1.1)	4.3 (0.9)
Instructor or lecturer	215	205	49.4 (1.2)	64.47 (9.0)	50.6 (4.2)	43.5 (3.3)	37.5 (6.4)	53.4 (3.1)	46.0 (3.9)	54.9 (2.3)	51.0 (2.5)	43.2 (3.6)	48.9 (2.9)
Lecturer	45	46	11.1 (0.8)	10.23 (4.4)	11.4 (2.3)	12.9 (2.8)	9.3 (2.8)	14.5 (2.5)	5.9 (1.6)	11.9 (1.5)	10.8 (1.6)	12.8 (2.4)	11.3 (2.6)
Other/no rank	28	75	18.1 (0.8)	11.46 (5.0)	21.0 (2.6)	24.8 (2.8)	18.1 (4.6)	12.0 (1.8)	10.8 (1.5)	17.6 (1.8)	17.1 (1.7)	20.2 (2.4)	21.7 (2.3)
No rank	9	16	4.0 (0.4)	2.62 (2.6)	4.1 (1.6)	6.4 (2.2)	6.2 (4.2)	5.0 (1.1)	1.3 (0.4)	3.3 (0.7)	6.1 (1.2)	2.1 (0.7)	2.7 (0.6)

—Not applicable.

[1] Detail may not sum to totals due to survey item nonresponse and rounding.

[2] Less than 0.05 percent.

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1993 and 1999. (This table was prepared July 2001.)

Table 233.—Full-time instructional faculty and staff in degree-granting institutions, by instruction activities and type and control of institution: Fall 1998

Instruction activities	All institutions	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11
Number of full-time instructional faculty and staff (in thousands)	**560 (4.8)**	**138 (2.3)**	**39 (1.7)**	**58 (1.6)**	**21 (0.6)**	**83 (1.9)**	**38 (1.1)**	**48 (1.3)**	**102 (1.7)**	**35 (1.5)**
Percentage distribution	**100.0 —**	**24.5 (0.4)**	**7.0 (0.3)**	**10.4 (0.3)**	**3.7 (0.1)**	**14.8 (0.3)**	**6.7 (0.2)**	**8.5 (0.2)**	**18.3 (0.3)**	**6.2 (0.3)**
Hours worked per week										
Average hours worked per week	53.3 (0.2)	55.8 (0.3)	55.4 (0.8)	56.0 (0.6)	53.7 (0.7)	52.4 (0.4)	51.7 (0.7)	53.8 (0.5)	49.1 (0.4)	52.6 (0.8)
Paid activities within institution	45.9 (0.2)	49.5 (0.3)	48.5 (0.8)	48.5 (0.8)	45.9 (0.7)	45.1 (0.4)	43.5 (0.6)	46.6 (0.5)	40.4 (0.3)	43.8 (0.6)
Unpaid activities within institution	3.2 (0.1)	2.2 (0.2)	2.4 (0.3)	2.7 (0.2)	3.0 (0.3)	3.4 (0.2)	2.7 (0.2)	3.5 (0.3)	4.6 (0.2)	3.5 (0.4)
Outside paid activities	2.6 (0.1)	2.4 (0.2)	2.8 (0.3)	2.8 (0.5)	3.3 (0.3)	2.2 (0.2)	3.6 (0.4)	2.4 (0.2)	2.7 (0.2)	3.4 (0.4)
Unpaid activities outside institution	1.7 (0.0)	1.6 (0.1)	1.7 (0.2)	1.9 (0.3)	1.5 (0.1)	1.8 (0.1)	1.8 (0.2)	1.3 (0.1)	1.4 (0.1)	2.0 (0.2)
Work time distribution (percent)										
Total	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Teaching	56.6 (0.3)	45.9 (0.7)	41.9 (1.2)	47.4 (1.1)	46.1 (1.6)	63.1 (0.8)	61.2 (1.2)	65.4 (1.1)	71.9 (0.6)	60.0 (1.8)
Research/scholarship	15.2 (0.2)	25.9 (0.6)	29.1 (1.2)	19.4 (0.8)	19.9 (1.1)	11.0 (0.4)	8.6 (0.5)	8.1 (0.5)	3.8 (0.2)	7.4 (0.5)
Professional growth	4.5 (0.1)	3.5 (0.2)	3.4 (0.3)	3.8 (0.2)	4.5 (0.5)	4.5 (0.2)	4.7 (0.3)	4.2 (0.2)	6.3 (0.2)	5.3 (0.4)
Administration	13.9 (0.2)	13.1 (0.4)	13.7 (0.7)	15.2 (0.8)	14.8 (1.8)	12.8 (0.6)	16.8 (1.1)	15.5 (0.9)	11.5 (0.4)	18.9 (1.7)
Outside consulting	3.3 (0.1)	3.0 (0.2)	3.0 (0.3)	3.1 (0.3)	4.1 (0.5)	3.0 (0.2)	4.9 (0.7)	3.1 (0.5)	3.5 (0.3)	3.8 (0.4)
Service/non-teaching	6.5 (0.2)	8.6 (0.4)	8.8 (0.9)	11.1 (0.9)	10.7 (1.1)	5.5 (0.3)	3.9 (0.3)	3.8 (0.3)	3.2 (0.2)	4.5 (0.4)
Preferred work time distribution (percent)										
Total	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Teaching	52.3 (0.3)	42.3 (0.6)	38.1 (1.1)	44.0 (0.9)	42.4 (1.4)	57.0 (0.7)	55.4 (1.1)	59.7 (0.8)	68.6 (0.6)	54.5 (1.7)
Research/scholarship	21.9 (0.3)	32.8 (0.6)	37.1 (1.2)	27.3 (0.8)	26.5 (1.1)	18.8 (0.5)	15.0 (0.6)	15.9 (0.7)	7.3 (0.3)	16.4 (1.5)
Professional growth	7.6 (0.1)	6.5 (0.3)	6.2 (0.4)	6.6 (0.2)	6.8 (0.4)	7.7 (0.3)	8.3 (0.4)	7.8 (0.3)	9.3 (0.3)	8.9 (0.5)
Administration	8.3 (0.2)	7.2 (0.3)	7.7 (0.6)	8.7 (0.5)	9.8 (1.4)	7.5 (0.4)	11.0 (0.9)	9.5 (0.7)	7.4 (0.4)	11.8 (1.4)
Outside consulting	3.8 (0.1)	3.5 (0.2)	3.3 (0.7)	3.7 (0.3)	4.6 (0.5)	3.8 (0.3)	5.9 (0.9)	3.3 (0.4)	3.8 (0.3)	3.8 (0.3)
Service/non-teaching	6.1 (0.1)	7.7 (0.4)	7.5 (0.7)	9.7 (0.6)	9.8 (0.9)	5.2 (0.3)	4.4 (0.3)	3.8 (0.2)	3.6 (0.2)	4.6 (0.4)
Distribution of hours taught per week (percent)										
Total hours taught per week	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Less than 4.0	22.2 (0.5)	36.3 (1.2)	42.5 (2.7)	28.6 (1.8)	34.0 (2.8)	11.9 (1.0)	13.4 (2.1)	8.2 (1.0)	9.5 (0.7)	17.3 (2.7)
4.0 to 5.9	6.8 (0.4)	10.7 (0.8)	13.9 (3.0)	7.0 (1.0)	9.4 (1.4)	4.8 (0.7)	3.9 (0.7)	5.1 (1.0)	2.4 (0.4)	4.4 (0.9)
6.0 to 7.9	14.4 (0.4)	21.8 (1.1)	19.9 (2.1)	18.6 (1.5)	15.7 (1.7)	11.1 (0.9)	13.0 (1.5)	12.8 (1.4)	4.8 (0.6)	10.7 (1.9)
8.0 to 9.9	13.9 (0.4)	11.9 (0.9)	7.6 (1.3)	18.2 (1.8)	17.3 (1.8)	19.0 (1.2)	22.2 (1.8)	20.3 (1.8)	4.8 (0.6)	16.3 (2.5)
10.0 to 14.9	21.4 (0.5)	11.5 (0.9)	10.7 (1.4)	15.7 (1.5)	11.5 (1.6)	35.3 (1.6)	29.8 (1.9)	34.8 (2.1)	21.4 (1.1)	27.6 (2.3)
15.0 or more	21.4 (0.5)	7.9 (0.7)	5.4 (1.0)	12.0 (1.2)	12.2 (1.6)	18.0 (1.2)	17.7 (1.6)	18.7 (1.7)	57.1 (1.3)	23.6 (2.7)
Distribution of number of students taught (percent)										
Total students taught	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Less than 25	21.1 (0.5)	33.1 (1.2)	37.8 (2.6)	27.4 (1.8)	36.3 (2.8)	10.7 (0.9)	14.8 (2.1)	12.0 (1.3)	9.3 (0.7)	14.7 (2.4)
25 to 49	17.0 (0.5)	19.2 (1.1)	19.5 (2.0)	16.4 (1.3)	15.6 (1.7)	15.4 (1.1)	18.6 (1.6)	22.2 (1.7)	12.1 (0.8)	16.6 (2.4)
50 to 74	17.7 (0.5)	14.2 (0.9)	10.3 (1.5)	16.4 (1.7)	16.9 (1.7)	20.8 (1.5)	24.3 (1.9)	26.2 (2.1)	15.8 (1.0)	23.1 (2.5)
75 to 99	14.4 (0.4)	9.1 (0.8)	8.1 (1.5)	10.6 (1.2)	10.8 (1.4)	17.9 (1.2)	20.8 (1.7)	19.1 (1.7)	18.3 (1.1)	17.3 (2.5)
100 to 149	16.9 (0.4)	10.6 (0.7)	11.1 (1.7)	12.4 (1.2)	9.9 (1.5)	23.7 (1.3)	16.0 (1.4)	14.9 (1.6)	27.6 (1.2)	15.6 (1.8)
150 or more	12.9 (0.4)	13.9 (0.9)	13.2 (2.8)	16.9 (1.6)	10.5 (1.5)	11.5 (0.9)	5.6 (1.0)	5.6 (0.8)	16.9 (1.0)	12.7 (1.9)
Distribution of student classroom contact hours per week (percent)[1]										
Total contact hours	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Less than 50	17.7 (0.5)	29.0 (1.2)	36.2 (2.6)	23.2 (1.6)	33.1 (2.8)	8.2 (0.8)	9.5 (1.5)	8.0 (1.1)	7.0 (0.7)	10.8 (1.5)
50 to 99	9.0 (0.4)	11.9 (0.8)	12.3 (1.6)	10.3 (1.2)	9.2 (1.3)	6.9 (0.8)	10.7 (1.9)	9.2 (1.0)	4.0 (0.5)	9.1 (2.3)
100 to 199	20.1 (0.5)	20.6 (1.1)	19.7 (2.0)	20.8 (1.6)	20.3 (1.9)	22.1 (1.5)	26.4 (2.0)	26.9 (1.8)	11.7 (0.9)	21.9 (2.3)
200 to 349	26.2 (0.6)	18.4 (1.0)	14.5 (1.9)	21.7 (1.8)	21.5 (2.0)	32.4 (1.5)	34.4 (2.0)	39.5 (2.2)	27.8 (1.2)	33.5 (3.1)
350 to 499	13.2 (0.4)	8.6 (0.7)	5.3 (0.9)	10.1 (1.2)	7.3 (1.2)	18.4 (1.2)	11.8 (1.3)	10.5 (1.3)	24.0 (1.2)	9.9 (1.2)
500 or more	13.7 (0.5)	11.5 (0.9)	11.9 (2.8)	14.0 (1.5)	8.6 (1.4)	12.0 (0.9)	7.1 (1.2)	5.8 (0.8)	25.5 (1.2)	14.9 (2.0)
Distribution of total classroom credit hours (percent)										
Total credit hours	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Less than 4.0	23.7 (0.6)	35.4 (1.4)	40.2 (2.9)	29.1 (2.0)	31.1 (3.6)	12.8 (1.1)	15.1 (2.5)	12.4 (1.5)	12.7 (1.0)	19.7 (3.2)
4.0 to 5.9	7.0 (0.3)	9.8 (0.6)	10.1 (1.6)	5.9 (1.0)	9.1 (1.4)	3.8 (0.6)	6.5 (1.4)	6.8 (1.2)	3.6 (0.5)	8.7 (2.9)
6.0 to 7.9	17.1 (0.5)	24.7 (1.3)	20.2 (2.4)	21.2 (1.7)	20.0 (1.8)	13.4 (1.0)	13.1 (1.5)	13.2 (1.6)	7.9 (0.9)	14.2 (2.1)
8.0 to 9.9	17.1 (0.6)	12.6 (0.9)	13.9 (3.3)	21.2 (2.1)	19.6 (1.9)	24.8 (1.9)	23.6 (1.9)	18.8 (1.8)	11.5 (1.1)	16.7 (1.9)
10.0 to 14.9	24.7 (0.6)	12.2 (0.9)	9.2 (1.2)	15.1 (1.5)	10.6 (1.4)	37.7 (1.8)	34.8 (2.0)	41.0 (2.8)	34.9 (1.6)	30.5 (2.9)
15.0 or more	10.4 (0.4)	5.4 (0.6)	6.4 (0.9)	7.6 (1.0)	9.6 (1.6)	7.6 (0.7)	7.0 (1.2)	7.8 (1.0)	29.4 (1.5)	10.3 (1.5)
Number of classes taught for credit										
Faculty with undergraduate classes only (percent)										
Total undergraduate credit courses	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
1	12.8 (0.6)	26.9 (1.7)	27.5 (4.0)	18.0 (2.2)	15.1 (3.3)	8.4 (1.1)	11.2 (2.5)	7.6 (1.2)	6.8 (0.7)	15.8 (4.5)
2	19.5 (0.6)	37.2 (2.0)	42.0 (4.5)	27.8 (2.8)	30.2 (3.7)	17.5 (1.6)	15.6 (1.7)	18.6 (1.7)	9.3 (0.8)	11.1 (1.7)
3	22.1 (0.7)	18.6 (1.8)	14.9 (3.6)	29.9 (2.9)	32.5 (3.8)	30.7 (2.2)	31.0 (2.6)	28.7 (2.0)	12.7 (0.9)	18.8 (2.3)
4	20.1 (0.6)	8.8 (1.2)	5.4 (1.5)	14.2 (2.2)	13.6 (3.2)	28.8 (1.7)	24.5 (2.1)	25.3 (2.3)	19.6 (1.1)	28.1 (2.9)
5 or more	25.4 (0.6)	8.6 (1.0)	10.3 (2.3)	10.1 (1.4)	8.6 (2.2)	14.6 (1.2)	17.7 (2.1)	19.8 (1.7)	51.6 (1.4)	26.2 (3.4)
Faculty with graduate classes only (percent)										
Total graduate credit courses	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	— —	100.0 —
1	41.2 (1.7)	48.0 (2.7)	49.5 (5.8)	33.8 (3.7)	40.2 (4.3)	30.4 (4.6)	29.3 (6.1)	22.5 (7.7)	— —	30.7 (6.9)
2	30.1 (1.7)	27.8 (2.4)	35.4 (6.6)	31.4 (4.2)	32.9 (3.9)	24.1 (3.9)	36.7 (5.6)	45.4 (12.3)	— —	23.6 (4.6)
3	14.3 (1.3)	12.5 (2.1)	6.6 (1.6)	18.1 (4.7)	11.0 (2.6)	23.3 (4.2)	17.6 (4.4)	21.3 (7.8)	— —	22.3 (4.6)
4	5.8 (0.8)	4.1 (0.8)	2.5 (0.9)	4.4 (1.3)	4.4 (1.6)	11.2 (3.0)	14.1 (4.0)	1.9 (1.9)	— —	14.6 (6.3)
5 or more	8.6 (0.8)	7.7 (1.1)	6.0 (1.6)	12.3 (3.3)	11.4 (2.6)	11.1 (2.7)	2.3 (1.7)	8.9 (4.8)	— —	9.0 (2.6)
Faculty with both undergraduate and graduate classes (percent)										
Total undergraduate and graduate courses	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	— —	100.0 —
2	35.7 (1.6)	53.0 (2.9)	56.2 (5.9)	35.9 (4.2)	27.3 (4.8)	16.8 (2.2)	18.3 (4.1)	2.9 (1.7)	— —	18.7 (9.2)
3	31.0 (1.5)	26.0 (2.7)	18.6 (3.8)	35.6 (4.1)	42.4 (5.1)	36.3 (2.9)	30.0 (4.6)	50.9 (9.4)	— —	24.9 (9.2)
4	15.0 (1.0)	7.7 (1.3)	5.5 (2.1)	10.1 (2.1)	12.7 (3.7)	26.3 (2.5)	28.9 (4.4)	31.4 (7.4)	— —	17.4 (5.8)
5 or more	18.3 (1.2)	13.2 (1.7)	19.7 (4.0)	18.4 (3.1)	17.6 (4.1)	20.6 (2.7)	22.8 (4.7)	14.9 (4.9)	— —	38.9 (10.1)

—Not applicable.

[1] Distribution of student classroom contact hours per week by percent are the contact hours that faculty and instructional staff spend each week with students during classroom instruction multiplied by the number of students taught.

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1999. (This table was prepared September 2001.)

Table 234.—Part-time instructional faculty and staff in degree-granting institutions, by instruction activities and type and control of institution: Fall 1998

Instruction activities	All institutions	Public research	Private research	Public doctoral	Private doctoral	Public com-prehensive	Private com-prehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11
Number of part-time instructional faculty and staff (in thousands)	**416 (5.9)**	**36 (1.5)**	**15 (1.5)**	**26 (1.6)**	**18 (0.5)**	**48 (2.1)**	**37 (1.4)**	**33 (2.1)**	**170 (3.9)**	**34 (1.5)**
Percentage distribution	**100.0 —**	**8.6 (0.4)**	**3.6 (0.4)**	**6.1 (0.4)**	**4.3 (0.1)**	**11.6 (0.5)**	**8.8 (0.3)**	**7.9 (0.5)**	**40.9 (0.9)**	**8.1 (0.4)**
Hours worked per week										
Average hours worked per week	36.9 (0.5)	39.6 (1.4)	38.9 (3.2)	38.9 (1.9)	39.9 (1.5)	39.0 (1.2)	34.5 (1.3)	37.5 (1.8)	35.5 (0.8)	37.0 (1.5)
Paid activities within institution	14.2 (0.2)	18.4 (0.8)	15.4 (1.5)	15.5 (1.2)	12.7 (0.8)	15.0 (0.6)	14.1 (0.7)	15.8 (0.9)	13.1 (0.4)	12.7 (0.6)
Unpaid activities within institution	2.8 (0.2)	2.8 (0.4)	3.0 (0.9)	3.0 (0.7)	2.5 (0.3)	3.5 (1.0)	1.6 (0.2)	2.6 (0.4)	3.0 (0.2)	2.0 (0.3)
Outside paid activities	18.2 (0.4)	16.4 (1.3)	18.2 (2.8)	18.8 (2.2)	22.9 (1.4)	18.7 (1.2)	17.4 (1.2)	16.9 (1.5)	17.8 (0.7)	20.6 (1.4)
Unpaid activities outside institution	1.7 (0.1)	2.0 (0.4)	2.3 (0.6)	1.6 (0.2)	1.9 (0.3)	1.7 (0.2)	1.4 (0.2)	2.2 (0.4)	1.5 (0.1)	1.8 (0.2)
Work time distribution (percent)										
Total	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Teaching	61.7 (0.7)	57.8 (2.2)	44.0 (3.4)	52.3 (3.4)	50.4 (2.3)	62.7 (2.0)	64.8 (2.1)	62.6 (2.6)	66.4 (1.1)	57.3 (2.2)
Research/scholarship	4.8 (0.2)	9.2 (1.1)	8.7 (1.6)	6.8 (1.0)	8.6 (1.1)	5.4 (0.6)	5.1 (0.7)	4.6 (1.0)	2.9 (0.2)	3.7 (0.5)
Professional growth	5.6 (0.2)	5.9 (0.7)	3.6 (0.8)	4.9 (0.6)	5.6 (0.6)	5.9 (0.6)	4.4 (0.5)	6.5 (0.8)	5.9 (0.4)	5.8 (1.0)
Administration	3.6 (0.2)	3.9 (0.6)	5.3 (2.5)	4.8 (0.8)	4.1 (0.6)	2.4 (0.3)	3.4 (0.5)	4.5 (0.9)	3.4 (0.4)	3.9 (0.7)
Outside consulting	19.1 (0.6)	16.4 (1.8)	33.2 (4.7)	17.9 (3.6)	21.4 (2.3)	18.8 (1.7)	18.6 (1.7)	16.2 (1.9)	17.9 (1.0)	24.6 (2.2)
Service/non-teaching	5.1 (0.3)	6.8 (1.2)	5.2 (1.5)	13.3 (2.8)	9.8 (1.4)	4.7 (0.7)	3.7 (0.6)	5.6 (0.8)	3.5 (0.5)	4.8 (1.1)
Preferred work time distribution (percent)										
Total	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Teaching	61.1 (0.7)	55.3 (2.0)	43.9 (3.5)	51.0 (3.1)	52.6 (2.1)	61.7 (1.8)	63.7 (2.0)	62.1 (2.3)	66.4 (1.1)	55.4 (2.1)
Research/scholarship	8.1 (0.3)	15.0 (1.3)	13.0 (1.8)	10.5 (1.1)	11.5 (1.2)	8.4 (0.7)	8.3 (0.8)	8.4 (1.1)	5.4 (0.3)	7.7 (0.8)
Professional growth	7.9 (0.3)	7.8 (0.7)	5.6 (0.9)	7.6 (0.7)	6.8 (0.6)	8.2 (0.7)	6.2 (0.6)	8.4 (1.0)	8.4 (0.6)	8.2 (1.0)
Administration	2.7 (0.2)	2.6 (0.4)	2.2 (0.6)	3.2 (0.6)	2.9 (0.5)	2.1 (0.3)	2.9 (0.5)	3.7 (0.6)	2.5 (0.3)	2.6 (0.4)
Outside consulting	15.0 (0.6)	13.2 (1.5)	29.8 (4.8)	15.4 (3.5)	16.4 (1.8)	14.4 (1.5)	15.2 (1.5)	12.1 (1.4)	13.7 (0.9)	19.9 (2.1)
Service/non-teaching	5.2 (0.3)	6.1 (1.1)	5.6 (1.5)	12.5 (2.8)	9.8 (1.4)	5.2 (0.8)	3.7 (0.5)	5.3 (0.9)	3.5 (0.5)	6.3 (1.4)
Distribution of hours taught per week (percent)										
Total hours taught per week	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Less than 4.0	37.2 (1.0)	47.3 (3.2)	56.3 (6.5)	49.5 (4.4)	53.7 (3.3)	45.0 (2.9)	36.0 (2.9)	33.4 (3.6)	29.1 (1.5)	35.2 (3.2)
4.0 to 5.9	12.5 (0.7)	12.0 (2.2)	12.5 (6.2)	8.0 (1.7)	14.5 (2.3)	11.3 (1.6)	16.3 (2.7)	15.4 (3.0)	12.2 (1.0)	11.3 (1.7)
6.0 to 7.9	17.8 (0.8)	19.6 (2.5)	8.3 (2.1)	17.3 (3.0)	13.0 (2.1)	16.8 (1.9)	16.0 (2.5)	22.6 (4.3)	18.3 (1.2)	19.6 (3.2)
8.0 to 9.9	12.3 (0.7)	6.9 (1.2)	8.6 (3.2)	11.5 (2.6)	8.0 (1.7)	11.0 (1.7)	14.6 (2.4)	14.4 (2.6)	13.8 (1.3)	12.2 (2.7)
10.0 to 14.9	11.1 (0.6)	9.2 (1.7)	7.5 (3.2)	6.8 (1.6)	5.5 (1.5)	9.2 (1.5)	9.8 (1.8)	7.5 (1.5)	14.1 (1.1)	14.0 (2.3)
15.0 or more	9.0 (0.6)	5.1 (1.0)	6.9 (3.2)	6.9 (1.7)	5.2 (1.4)	6.6 (2.6)	7.3 (1.3)	6.6 (1.9)	12.4 (1.0)	7.7 (1.5)
Distribution of number of students taught (percent)										
Total students taught	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Less than 25	39.5 (1.0)	39.0 (3.2)	55.1 (6.2)	45.8 (4.4)	51.6 (3.3)	29.3 (2.5)	43.3 (3.2)	41.1 (4.0)	38.2 (1.6)	37.8 (3.2)
25 to 49	28.6 (0.9)	26.3 (2.9)	19.4 (4.4)	20.4 (3.2)	26.5 (2.9)	33.5 (2.7)	31.4 (3.1)	31.9 (4.2)	29.3 (1.5)	25.7 (2.7)
50 to 74	14.6 (0.7)	14.9 (2.1)	12.8 (4.2)	12.6 (2.7)	11.4 (2.0)	15.5 (1.8)	13.6 (1.9)	13.8 (2.6)	15.7 (1.1)	13.0 (2.5)
75 to 99	7.2 (0.5)	6.4 (1.1)	3.1 (1.2)	6.6 (1.5)	5.0 (1.4)	10.5 (2.7)	5.7 (1.1)	5.5 (1.3)	7.5 (0.8)	8.5 (2.0)
100 to 149	6.4 (0.5)	6.7 (1.1)	3.6 (1.6)	6.7 (2.0)	2.9 (1.0)	7.2 (1.6)	4.2 (1.2)	6.1 (2.3)	6.5 (0.7)	9.4 (2.4)
150 or more	3.7 (0.4)	6.7 (1.5)	6.0 (3.1)	7.9 (2.2)	2.6 (1.1)	4.0 (1.1)	1.8 (0.6)	1.6 (0.6)	2.8 (0.4)	5.5 (2.5)
Distribution of student classroom contact hours per week (percent) [1]										
Total contact hours	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Less than 50	26.8 (0.9)	32.3 (3.2)	50.1 (6.4)	39.2 (4.4)	44.8 (3.3)	18.1 (2.1)	27.9 (2.6)	32.8 (3.9)	21.2 (1.4)	25.9 (2.8)
50 to 99	21.0 (0.8)	16.9 (2.4)	12.6 (3.5)	16.5 (3.1)	18.9 (2.5)	28.4 (2.6)	24.3 (2.9)	20.3 (2.5)	20.7 (1.3)	21.9 (2.6)
100 to 199	27.2 (0.9)	24.1 (2.7)	19.6 (4.9)	20.1 (2.8)	22.4 (2.7)	26.6 (2.3)	30.4 (3.1)	28.3 (4.3)	29.4 (1.6)	26.6 (2.9)
200 to 349	15.1 (0.7)	15.2 (2.1)	10.4 (3.5)	14.0 (2.8)	8.2 (1.8)	14.8 (2.0)	11.4 (1.6)	11.7 (2.0)	17.5 (1.2)	16.9 (3.0)
350 to 499	5.1 (0.5)	5.6 (1.0)	2.0 (1.0)	2.1 (0.7)	4.3 (1.3)	7.4 (2.7)	4.5 (1.2)	3.6 (1.6)	6.0 (0.7)	3.5 (1.1)
500 or more	4.8 (0.4)	6.0 (1.2)	5.2 (3.0)	8.1 (2.2)	1.5 (0.7)	4.6 (1.1)	1.5 (0.6)	3.4 (1.8)	5.2 (0.7)	5.1 (2.3)
Distribution of total classroom credit hours (percent)										
Total credit hours	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
Less than 4.0	41.9 (1.2)	45.7 (4.0)	57.5 (8.2)	53.1 (6.6)	52.1 (3.7)	48.1 (3.3)	42.4 (3.6)	40.0 (4.1)	35.8 (1.8)	39.7 (3.6)
4.0 to 5.9	11.4 (0.6)	11.0 (2.3)	7.7 (1.8)	5.8 (1.3)	11.7 (2.1)	11.6 (1.8)	10.1 (1.8)	13.1 (2.7)	13.2 (1.1)	8.3 (1.5)
6.0 to 7.9	18.8 (0.8)	19.7 (2.7)	8.4 (1.9)	17.2 (2.7)	15.7 (2.3)	19.2 (2.1)	19.3 (2.8)	19.7 (4.9)	19.5 (1.3)	20.2 (3.1)
8.0 to 9.9	11.9 (0.8)	9.7 (1.8)	4.2 (1.7)	11.1 (2.6)	7.9 (1.8)	8.8 (1.5)	13.8 (2.4)	14.6 (3.1)	14.2 (1.5)	9.3 (2.2)
10.0 to 14.9	9.1 (0.6)	9.4 (1.7)	10.9 (4.3)	5.2 (1.5)	6.5 (1.6)	8.2 (1.5)	7.1 (1.4)	6.2 (1.2)	9.9 (0.9)	14.4 (2.6)
15.0 or more	6.8 (0.5)	4.5 (0.9)	11.3 (6.9)	7.6 (2.2)	6.1 (2.5)	4.2 (1.0)	7.4 (1.7)	6.4 (2.0)	7.4 (0.7)	8.1 (2.5)
Number of classes taught for credit										
Faculty with undergraduate classes only (percent)										
Total undergraduate credit courses	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —
1	42.1 (1.1)	41.7 (4.1)	41.1 (6.4)	43.2 (5.3)	48.8 (4.9)	48.1 (3.4)	43.7 (4.1)	43.5 (4.3)	40.8 (1.6)	35.9 (3.5)
2	29.3 (1.0)	41.1 (4.0)	27.2 (5.5)	30.5 (4.8)	25.0 (4.2)	26.5 (2.6)	26.0 (3.3)	30.2 (4.9)	28.8 (1.5)	28.7 (3.1)
3	14.9 (0.9)	10.6 (2.3)	16.2 (5.2)	12.3 (3.6)	15.4 (3.6)	10.2 (2.0)	18.3 (3.3)	15.3 (2.7)	15.8 (1.5)	17.4 (3.8)
4	6.3 (0.5)	2.6 (0.9)	6.0 (3.0)	7.8 (3.7)	2.7 (1.6)	7.2 (1.9)	5.6 (1.4)	7.7 (2.2)	6.2 (0.8)	8.6 (2.1)
5 or more	7.4 (0.6)	4.1 (1.1)	9.5 (4.4)	6.2 (1.9)	8.1 (2.7)	8.1 (3.2)	6.4 (1.5)	3.3 (0.9)	8.4 (0.7)	9.5 (2.0)
Faculty with graduate classes only (percent)										
Total graduate credit courses	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	100.0 —	(2) (2)	— —	100.0 —
1	73.6 (2.5)	71.3 (6.3)	83.3 (8.1)	63.2 (7.3)	75.1 (5.0)	82.6 (4.9)	75.0 (4.7)	(2) (2)	— —	66.9 (8.4)
2	14.0 (1.6)	14.1 (3.6)	7.2 (3.3)	11.4 (5.6)	18.9 (4.5)	8.7 (3.3)	21.9 (4.5)	(2) (2)	— —	12.9 (4.1)
3	7.0 (1.9)	8.6 (5.6)	0.0 (0.0)	10.7 (5.0)	3.8 (2.2)	6.3 (2.9)	1.3 (1.3)	(2) (2)	— —	18.0 (8.6)
4	2.3 (1.1)	2.6 (1.5)	8.1 (7.7)	5.1 (3.5)	0.0 (0.0)	1.2 (1.2)	0.0 (0.0)	(2) (2)	— —	0.4 (0.4)
5 or more	3.0 (0.8)	3.4 (1.7)	1.4 (1.4)	9.6 (4.7)	2.2 (1.7)	1.2 (1.2)	1.8 (1.3)	(2) (2)	— —	1.8 (1.2)
Faculty with both undergraduate and graduate classes (percent)										
Total undergraduate and graduate courses	100.0 —	100.0 —	(2) (2)	(2) (2)	(2) (2)	100.0 —	(2) (2)	(2) (2)	— —	(2) (2)
2	44.7 (5.9)	49.6 (9.6)	(2) (2)	(2) (2)	(2) (2)	54.0 (10.2)	(2) (2)	(2) (2)	— —	(2) (2)
3	24.1 (5.5)	18.3 (7.3)	(2) (2)	(2) (2)	(2) (2)	15.2 (5.8)	(2) (2)	(2) (2)	— —	(2) (2)
4	7.8 (1.9)	13.2 (6.5)	(2) (2)	(2) (2)	(2) (2)	3.2 (3.3)	(2) (2)	(2) (2)	— —	(2) (2)
5 or more	23.4 (3.5)	18.9 (7.4)	(2) (2)	(2) (2)	(2) (2)	27.5 (8.1)	(2) (2)	(2) (2)	— —	(2) (2)

—Not applicable.

[1] Distribution of student classroom contact hours per week by percent are the contact hours that faculty and instructional staff spend each week with students during classroom instruction multiplied by the number of students taught.

[2] Too few sample cases for a reliable estimate.

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1999. (This table was prepared September 2001.)

Table 235.—Percentage distribution of full-time and part-time instructional faculty and staff in degree-granting institutions, by program area, race/ethnicity, and sex: Fall 1992 and fall 1998

Program area	Number in thousands, 1992	Fall 1998											
		Number in thousands	Percent	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian/Pacific Islander		American Indian/Alaskan Native	
				Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
			Full-time instructional faculty and staff										
Total[1]	**528**	**560 (4.8)**	**100.0**	**54.5 (0.6)**	**30.6 (0.5)**	**2.6 (0.2)**	**2.5 (0.2)**	**2.0 (0.2)**	**1.3 (0.1)**	**4.0 (0.2)**	**1.8 (0.2)**	**0.5 (0.1)**	**0.2 (0.0)**
Agriculture and home economics	11	10 (0.4)	100.0	74.3 (2.9)	16.4 (2.4)	1.7 (0.7)	2.3 (1.0)	1.2 (0.6)	0.1 (0.1)	2.2 (0.9)	0.7 (0.4)	1.0 (1.0)	(2) (2)
Business	40	39 (1.1)	100.0	54.7 (2.2)	32.0 (2.1)	3.8 (0.7)	1.5 (0.3)	1.0 (0.3)	0.7 (0.3)	4.4 (0.7)	0.8 (0.3)	1.2 (0.8)	0.1 (0.1)
Communications	10	10 (1.0)	100.0	60.8 (5.0)	26.7 (3.8)	3.5 (1.1)	1.9 (0.8)	0.8 (0.3)	2.3 (0.9)	2.8 (1.7)	1.0 (0.8)	(2) (2)	0.3 (0.3)
Education	37	40 (1.4)	100.0	37.9 (2.6)	45.9 (2.4)	2.4 (0.4)	6.2 (1.4)	1.4 (0.4)	1.6 (0.4)	0.7 (0.3)	2.9 (0.9)	0.1 (0.1)	0.7 (0.3)
Teacher education	12	14 (0.6)	100.0	33.1 (3.4)	52.6 (3.7)	2.2 (0.6)	7.7 (3.3)	0.2 (0.1)	1.2 (0.5)	0.3 (0.4)	2.5 (1.0)	(2) (2)	0.3 (0.3)
Other education	25	26 (1.3)	100.0	40.4 (3.5)	42.3 (3.1)	2.5 (0.6)	5.4 (1.2)	2.1 (0.6)	2.2 (0.5)	0.9 (0.4)	3.1 (1.2)	0.2 (0.2)	0.9 (0.4)
Engineering	24	25 (0.9)	100.0	69.9 (2.6)	7.1 (1.6)	2.3 (0.6)	0.1 (0.1)	3.5 (1.3)	0.4 (0.2)	14.5 (1.9)	1.6 (0.8)	0.6 (0.4)	(2) (2)
Fine arts	32	33 (1.4)	100.0	60.7 (2.6)	28.5 (2.3)	4.6 (1.0)	2.1 (0.6)	0.9 (0.3)	0.3 (0.1)	1.9 (0.5)	0.5 (0.2)	0.5 (0.3)	0.1 (0.1)
Health sciences	79	84 (2.0)	100.0	42.7 (1.7)	42.8 (1.5)	1.3 (0.3)	3.1 (0.4)	1.7 (0.3)	1.6 (0.4)	3.8 (0.6)	2.4 (0.4)	0.4 (0.2)	0.4 (0.1)
First-professional	37	40 (1.6)	100.0	60.9 (2.5)	22.9 (2.2)	1.1 (0.3)	1.7 (0.4)	2.8 (0.7)	0.8 (0.2)	6.2 (1.1)	3.4 (0.7)	0.2 (0.2)	0.1 (0.1)
Nursing	22	20 (0.6)	100.0	3.5 (1.0)	83.9 (2.1)	0.0 0.0	6.4 (1.2)	0.1 (0.1)	3.6 (1.6)	0.2 (0.2)	1.4 (0.5)	(2) (2)	0.9 (0.4)
Other health sciences	21	24 (1.0)	100.0	45.0 (3.2)	41.8 (2.8)	2.6 (0.9)	2.6 (0.7)	1.2 (0.5)	1.4 (0.5)	2.7 (1.0)	1.5 (0.5)	0.9 (0.5)	0.3 (0.2)
Humanities	74	81 (1.8)	100.0	47.9 (1.7)	36.0 (1.5)	2.4 (0.7)	2.1 (0.5)	3.7 (0.7)	2.8 (0.5)	1.7 (0.5)	3.0 (0.7)	0.2 (0.1)	0.1 (0.1)
English and literature	37	40 (1.2)	100.0	42.7 (2.4)	45.8 (2.3)	1.1 (0.3)	2.8 (0.6)	2.3 (0.8)	2.1 (0.8)	0.9 (0.3)	2.1 (0.7)	0.1 (0.1)	0.1 (0.1)
Foreign languages	14	15 (0.8)	100.0	32.1 (3.5)	35.7 (3.5)	0.8 (0.4)	0.7 (0.4)	9.3 (2.1)	8.3 (1.8)	4.1 (2.2)	8.2 (2.8)	0.4 (0.4)	0.4 (0.4)
History	15	14 (0.6)	100.0	59.0 (3.7)	26.2 (3.0)	3.6 (1.1)	3.5 (2.2)	3.4 (2.1)	1.3 (0.6)	0.9 (0.5)	1.5 (1.2)	0.7 (0.5)	(2) (2)
Philosophy	8	12 (0.8)	100.0	72.1 (4.7)	15.1 (2.9)	7.0 (4.2)	0.4 (0.3)	2.0 (1.0)	0.0 0.0	2.3 (2.0)	1.0 (0.5)	(2) (2)	(2) (2)
Law	9	8 (0.6)	100.0	60.2 (5.3)	29.8 (5.4)	1.9 (0.8)	3.0 (1.6)	1.1 (0.4)	0.2 (0.2)	0.3 (0.4)	2.1 (1.1)	1.3 (0.9)	(2) (2)
Natural sciences	102	111 (2.1)	100.0	63.7 (1.3)	21.9 (1.1)	2.1 (0.3)	1.0 (0.2)	2.2 (0.4)	0.7 (0.3)	6.9 (0.6)	1.2 (0.2)	0.2 (0.0)	0.1 (0.1)
Biological sciences	34	40 (1.3)	100.0	60.3 (2.3)	26.2 (2.0)	2.0 (0.5)	1.0 (0.3)	1.6 (0.4)	0.3 (0.2)	6.4 (1.1)	1.6 (0.4)	0.3 (0.2)	0.1 (0.1)
Physical sciences	28	27 (0.8)	100.0	76.9 (2.1)	11.0 (1.5)	1.8 (0.6)	0.6 (0.5)	1.3 (0.4)	1.2 (1.0)	5.7 (1.0)	1.2 (0.4)	0.2 (0.2)	0.1 (0.1)
Mathematics	25	26 (1.0)	100.0	59.3 (2.8)	21.4 (1.9)	3.3 (0.8)	1.1 (0.5)	3.7 (1.6)	1.1 (0.4)	9.2 (1.6)	1.0 (0.4)	(2) (2)	(2) (2)
Computer sciences	14	17 (0.9)	100.0	57.2 (3.6)	29.4 (3.4)	1.1 (0.4)	1.3 (0.5)	2.7 (0.9)	0.4 (0.2)	6.6 (1.2)	0.7 (0.4)	0.6 (0.4)	(2) (2)
Social sciences	58	58 (1.3)	100.0	58.0 (1.8)	26.0 (1.5)	3.1 (0.5)	3.6 (0.7)	1.8 (0.3)	1.2 (0.4)	3.7 (0.7)	1.3 (0.4)	1.0 (0.3)	0.3 (0.2)
Economics	10	9 (0.6)	100.0	67.6 (4.4)	16.2 (3.1)	2.5 (0.9)	0.0 0.0	1.1 (0.6)	0.3 (0.2)	10.7 (3.6)	0.5 (0.4)	0.4 (0.4)	0.6 (0.6)
Political science	9	8 (0.5)	100.0	69.7 (4.1)	17.5 (3.0)	3.5 (1.3)	2.9 (2.0)	3.2 (1.3)	1.1 (0.8)	1.3 (0.9)	0.8 (0.6)	(2) (2)	(2) (2)
Psychology	18	20 (0.7)	100.0	54.8 (3.1)	31.7 (2.9)	2.3 (0.7)	3.4 (1.1)	1.5 (0.5)	1.6 (0.6)	2.0 (0.6)	1.0 (0.4)	1.7 (0.7)	0.2 (0.2)
Sociology	10	9 (0.4)	100.0	55.0 (4.2)	31.1 (4.0)	2.5 (0.9)	3.9 (1.4)	1.6 (0.7)	0.4 (0.4)	2.2 (0.9)	2.7 (1.9)	0.5 (0.5)	(2) (2)
Other social sciences	12	13 (0.6)	100.0	51.6 (3.7)	25.5 (2.9)	5.0 (1.3)	6.4 (2.2)	2.0 (0.7)	1.7 (1.2)	4.1 (1.4)	1.8 (0.8)	1.2 (0.7)	0.8 (0.4)
Occupationally specific programs	15	16 (0.8)	100.0	72.6 (3.2)	12.9 (2.3)	3.5 (0.9)	2.5 (1.0)	2.7 (1.7)	0.1 (0.1)	3.0 (1.4)	0.5 (0.4)	2.4 (0.9)	0.0 0.0
All other programs	28	44 (1.2)	100.0	49.0 (2.2)	36.6 (2.1)	3.8 (0.7)	3.2 (0.6)	1.6 (0.7)	1.1 (0.3)	2.1 (0.4)	2.1 (0.6)	0.0 (0.0)	0.4 (0.2)
			Part-time instructional faculty and staff										
Total[1]	**377**	**416 (5.9)**	**100.0**	**45.9 (1.0)**	**41.7 (1.0)**	**2.4 (0.3)**	**2.1 (0.2)**	**2.1 (0.3)**	**1.7 (0.2)**	**1.5 (0.2)**	**1.7 (0.4)**	**0.3 (0.1)**	**0.6 (0.2)**
Agriculture and home economics	3	3 (0.2)	100.0	31.5 (7.8)	56.8 (9.5)	0.0 0.0	1.3 (1.3)	3.1 (3.1)	0.8 (0.8)	(2) (2)	6.7 (6.4)	(2) (2)	(2) (2)
Business	35	32 (1.8)	100.0	57.8 (4.0)	33.3 (4.2)	2.4 (0.8)	3.0 (1.0)	0.8 (0.3)	0.6 (0.2)	0.9 (0.4)	1.3 (0.5)	(2) (2)	(2) (2)
Communications	10	10 (1.0)	100.0	43.6 (6.9)	50.2 (7.1)	1.7 (0.9)	1.0 (0.6)	1.4 (1.2)	0.6 (0.6)	1.1 (0.8)	0.4 (0.4)	(2) (2)	(2) (2)
Education	31	34 (1.6)	100.0	25.4 (2.5)	63.8 (3.0)	1.9 (0.8)	3.1 (0.8)	0.6 (0.3)	2.8 (1.0)	(2) (2)	0.5 (0.3)	0.2 (0.2)	1.7 (1.3)
Teacher education	12	13 (1.0)	100.0	20.2 (3.4)	65.0 (5.0)	2.4 (1.5)	4.4 (1.9)	1.1 (0.7)	2.6 (1.2)	(2) (2)	(2) (2)	0.6 (0.6)	3.7 (3.1)
Other education	18	20 (1.2)	100.0	28.7 (3.4)	63.0 (3.8)	1.7 (0.9)	2.2 (0.6)	0.3 (0.2)	3.0 (1.4)	(2) (2)	0.8 (0.5)	(2) (2)	0.3 (0.4)
Engineering	12	9 (0.8)	100.0	72.6 (6.0)	2.3 (1.4)	4.2 (2.4)	0.7 (0.5)	11.2 (5.7)	(2) (2)	6.9 (1.8)	1.2 (0.7)	0.9 (0.9)	(2) (2)
Fine arts	33	38 (1.5)	100.0	43.7 (3.0)	48.6 (3.1)	2.5 (0.8)	0.3 (0.2)	1.5 (1.2)	1.5 (0.6)	0.2 (0.2)	0.8 (0.3)	0.5 (0.3)	0.2 (0.2)
Health sciences	45	49 (2.2)	100.0	37.4 (3.3)	52.9 (3.2)	0.5 (0.2)	2.3 (0.6)	1.1 (0.4)	0.8 (0.2)	2.3 (0.8)	1.4 (0.5)	0.1 (0.1)	1.2 (0.8)
First-professional	18	15 (1.3)	100.0	53.4 (5.7)	36.4 (5.3)	(2) (2)	1.1 (0.5)	2.1 (1.2)	0.6 (0.4)	4.5 (2.4)	1.9 (1.2)	(2) (2)	(2) (2)
Nursing	10	12 (0.8)	100.0	3.5 (1.7)	84.9 (3.8)	0.3 (0.3)	4.1 (1.5)	0.3 (0.3)	1.4 (0.7)	(2) (2)	1.8 (0.9)	(2) (2)	3.7 (3.1)
Other health sciences	17	21 (1.7)	100.0	44.6 (5.4)	47.0 (5.0)	0.9 (0.4)	2.1 (1.0)	0.8 (0.3)	0.6 (0.3)	2.0 (0.9)	0.9 (0.5)	0.3 (0.3)	0.8 (0.8)
Humanities	60	74 (2.1)	100.0	39.1 (2.2)	47.6 (2.2)	1.3 (0.4)	1.4 (0.4)	2.4 (0.7)	3.4 (0.7)	1.0 (0.3)	2.7 (0.8)	0.6 (0.3)	0.7 (0.4)
English and literature	37	43 (1.4)	100.0	31.1 (2.6)	58.5 (2.8)	0.9 (0.4)	1.9 (0.6)	1.0 (0.4)	2.1 (1.1)	1.0 (0.5)	2.4 (0.7)	(2) (2)	1.1 (0.7)
Foreign languages	11	12 (1.2)	100.0	18.8 (6.1)	52.0 (6.3)	0.5 (0.5)	(2) (2)	7.9 (3.6)	12.5 (2.6)	0.9 (0.7)	7.5 (3.8)	(2) (2)	(2) (2)
History	8	11 (0.7)	100.0	66.3 (4.9)	21.8 (4.1)	3.8 (1.8)	2.0 (1.7)	2.6 (1.1)	1.3 (0.8)	(2) (2)	(2) (2)	2.1 (1.2)	(2) (2)
Philosophy	4	9 (0.6)	100.0	72.8 (5.0)	18.6 (4.4)	0.8 (0.8)	(2) (2)	1.6 (1.0)	(2) (2)	2.4 (1.3)	0.5 (0.5)	2.6 (1.5)	0.7 (0.5)
Law	14	11 (0.8)	100.0	67.2 (5.2)	19.9 (3.9)	2.7 (1.6)	0.3 (0.3)	2.9 (1.4)	2.2 (2.0)	2.9 (2.5)	1.2 (0.8)	0.7 (0.7)	(2) (2)
Natural sciences	60	65 (2.2)	100.0	54.4 (2.5)	32.4 (2.3)	3.9 (0.9)	2.0 (0.5)	1.4 (0.3)	1.1 (0.3)	2.9 (0.7)	1.4 (0.4)	0.2 (0.2)	0.3 (0.3)
Biological sciences	12	11 (0.9)	100.0	54.6 (6.0)	36.7 (5.8)	2.2 (1.1)	1.0 (0.8)	0.2 (0.2)	0.7 (0.7)	1.2 (0.8)	2.7 (1.3)	0.7 (0.7)	(2) (2)
Physical sciences	11	11 (0.8)	100.0	71.9 (4.4)	19.4 (3.7)	1.3 (0.8)	1.3 (0.8)	0.8 (0.4)	0.7 (0.7)	4.3 (2.4)	0.4 (0.4)	(2) (2)	(2) (2)
Mathematics	25	24 (1.4)	100.0	45.9 (4.2)	36.5 (4.0)	6.6 (2.2)	2.3 (0.9)	1.9 (0.6)	1.8 (0.7)	2.8 (0.9)	1.7 (0.7)	0.3 (0.3)	(2) (2)
Computer sciences	13	19 (1.2)	100.0	55.3 (4.6)	31.9 (4.4)	2.9 (1.2)	2.7 (1.2)	1.6 (0.7)	0.6 (0.4)	3.1 (1.4)	0.9 (0.5)	(2) (2)	1.0 (1.0)
Social sciences	34	41 (2.4)	100.0	46.2 (3.8)	39.0 (3.5)	4.2 (1.5)	3.9 (1.0)	3.5 (1.4)	1.4 (0.5)	0.5 (0.2)	0.5 (0.2)	0.7 (0.4)	0.2 (0.2)
Economics	3	4 (0.5)	100.0	73.9 (8.8)	16.9 (6.8)	(2) (2)	5.2 (5.1)	1.3 (1.0)	(2) (2)	2.7 (1.7)	(2) (2)	(2) (2)	(2) (2)
Political science	3	4 (0.4)	100.0	75.8 (6.5)	17.6 (5.8)	3.4 (1.8)	0.9 (0.9)	2.4 (1.3)	(2) (2)	(2) (2)	(2) (2)	(2) (2)	(2) (2)
Psychology	16	18 (2.1)	100.0	45.4 (7.1)	47.4 (6.8)	2.6 (1.3)	1.8 (0.8)	1.8 (0.8)	0.8 (0.6)	(2) (2)	0.2 (0.2)	(2) (2)	(2) (2)
Sociology	4	6 (0.5)	100.0	37.8 (7.3)	43.7 (7.2)	5.4 (3.3)	3.9 (1.8)	0.8 (0.6)	4.6 (2.2)	(2) (2)	1.3 (1.0)	1.1 (1.1)	1.2 (1.2)
Other social sciences	8	10 (0.9)	100.0	31.4 (5.5)	37.4 (6.2)	8.2 (5.4)	8.4 (3.0)	9.1 (5.1)	1.4 (1.2)	1.0 (0.7)	0.9 (0.6)	2.3 (1.3)	(2) (2)
Occupationally specific programs	16	17 (1.1)	100.0	68.6 (4.2)	11.8 (3.1)	2.2 (0.8)	2.2 (1.3)	2.9 (1.4)	0.6 (0.6)	0.9 (0.7)	8.0 (0.7)	(2) (2)	2.7 (2.7)
All other programs	20	35 (1.6)	100.0	45.0 (3.4)	40.6 (3.3)	2.4 (0.8)	3.6 (1.2)	2.6 (0.8)	1.9 (0.8)	1.6 (0.5)	1.9 (0.6)	(2) (2)	0.3 (0.3)

[1] Detail may not sum to totals due to rounding and nonresponse to program area question.

[2] Less than 0.05 percent.

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1993 and 1999. (This table was prepared September 2001.)

Table 236.—Average base salaries of full-time instructional faculty and staff in degree-granting institutions, by type and control of institution and by field of instruction: 1987–88, 1992–93, and 1998–99

Field of instruction	All institutions	Total public	Total private	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
	1987–88 salaries in 1998–99 dollars [1]											
All fields	**$55,854**	**$56,369**	**$54,707**	**$67,095**	**$73,504**	**$62,374**	**$66,053**	**$52,347**	**$45,676**	**$40,940**	**$46,002**	**$43,522**
Agriculture and home economics	55,937	56,238	(2)	62,840	(2)	50,221	(2)	54,184	(2)	(2)	(2)	(2)
Business	52,232	52,858	50,887	67,212	(2)	56,756	(2)	50,119	52,320	(2)	46,996	40,744
Education	46,754	49,084	38,709	52,945	(2)	50,006	(2)	48,218	38,674	33,942	47,487	(2)
Engineering	60,279	59,354	63,606	70,842	(2)	61,341	(2)	58,089	59,433	(2)	42,478	(2)
Fine arts	43,686	45,656	39,677	46,522	(2)	44,049	(2)	45,448	38,294	39,811	46,428	(2)
Health	74,879	74,402	75,836	84,801	89,061	82,043	77,670	65,948	55,049	(2)	42,736	(2)
Humanities	48,973	50,903	46,026	53,482	56,556	45,403	53,467	51,491	42,818	44,016	50,175	40,156
Natural sciences	55,197	55,875	53,677	66,898	71,267	57,628	54,158	53,895	44,750	43,593	45,824	43,292
Social sciences	53,376	53,690	52,794	61,005	70,472	55,344	(2)	51,874	44,578	41,247	47,393	(2)
Other	51,619	51,073	52,914	60,779	(2)	52,444	(2)	48,318	41,253	(2)	43,595	51,179
	1992–93 salaries in 1998–99 dollars [1]											
All fields	**54,068**	**53,991**	**54,253**	**65,162**	**73,848**	**59,453**	**64,663**	**50,204**	**49,937**	**43,435**	**45,429**	**46,708**
Agriculture and home economics	55,194	55,978	(2)	63,191	(2)	51,351	(2)	50,078	(2)	(2)	45,934	(2)
Business	56,827	57,672	54,628	75,283	(2)	67,893	62,768	55,113	62,095	37,315	48,508	38,776
Education	48,541	49,942	43,429	57,519	(2)	48,722	56,862	47,860	43,826	37,427	47,592	(2)
Engineering	64,154	64,562	62,561	77,097	70,520	61,853	63,542	56,227	52,938	(2)	44,618	64,692
Fine arts	46,842	45,354	49,095	47,722	99,540	45,463	43,725	45,191	41,344	43,597	43,320	39,367
Health	64,216	62,454	68,946	84,816	84,369	73,701	76,335	44,229	52,734	48,907	41,318	48,373
Humanities	47,301	48,027	45,756	50,818	51,599	45,787	49,559	47,027	47,384	43,485	47,545	42,193
Natural sciences	55,636	54,837	57,646	63,995	77,546	59,677	65,418	53,016	53,875	43,332	45,776	48,653
Social sciences	53,060	53,225	52,722	61,347	68,456	56,233	57,153	50,435	45,992	46,747	46,540	51,246
Other	51,482	50,141	54,295	58,886	75,831	50,540	71,409	52,363	48,167	42,065	43,487	45,255
	1998–99 salaries in 1998–99 dollars [1]											
All fields	**56,851 (394)**	**56,060 (433)**	**59,124 (869)**	**66,399 (816)**	**81,574 (2,507)**	**65,466 (1,851)**	**70,240 (1,985)**	**50,143 (576)**	**49,374 (1,122)**	**43,600 (711)**	**44,636 (424)**	**47,227 (1,599)**
Agriculture and home economics	58,434 (2,366)	60,698 (1,765)	(2) (2)	67,336 (2,353)	(2) (2)	(2) (2)	(2) (2)	(2) (2)	(2) (2)	(2) (2)	44,227 (2,087)	(2) (2)
Business	55,837 (1,006)	54,599 (1,147)	58,758 (1,993)	69,241 (3,356)	80,949 (7,916)	55,237 (4,834)	69,354 (5,706)	58,622 (1,567)	59,245 (1,861)	42,328 (2,927)	46,141 (1,238)	42,440 (4,921)
Education	47,789 (904)	48,263 (1,040)	46,194 (1,827)	53,412 (1,768)	(2) (2)	46,385 (2,852)	(2) (2)	49,261 (1,795)	43,677 (1,918)	40,857 (2,031)	43,324 (1,301)	41,434 (3,714)
Engineering	63,401 (1,302)	62,265 (1,425)	67,668 (2,988)	69,867 (2,400)	76,075 (4,982)	64,345 (2,396)	(2) (2)	52,625 (4,992)	57,909 (5,842)	(2) (2)	45,102 (1,691)	(2) (2)
Fine arts	45,655 (1,161)	45,109 (1,150)	47,061 (2,802)	49,342 (2,822)	(2) (2)	41,907 (1,276)	(2) (2)	44,774 (1,470)	49,828 (6,924)	43,471 (1,677)	45,957 (2,312)	36,592 (3,202)
Health	75,238 (1,516)	71,755 (1,550)	84,877 (3,705)	85,518 (2,776)	100,068 (7,573)	85,842 (4,398)	93,003 (4,958)	53,179 (2,732)	47,376 (4,070)	44,588 (3,674)	43,617 (1,142)	53,383 (3,385)
Humanities	47,697 (646)	47,865 (766)	47,290 (1,202)	53,929 (1,985)	57,033 (4,251)	47,037 (2,548)	49,336 (2,610)	46,577 (1,065)	46,463 (1,777)	43,199 (1,583)	45,046 (1,201)	43,203 (1,889)
Natural sciences	57,331 (719)	56,929 (777)	58,548 (1,671)	65,951 (1,381)	79,784 (3,981)	64,443 (1,855)	61,723 (3,056)	51,150 (1,328)	47,764 (1,989)	42,635 (1,331)	44,127 (878)	55,565 (5,206)
Social sciences	58,714 (1,778)	59,450 (2,255)	56,785 (2,450)	69,074 (3,122)	78,540 (6,677)	69,589 (13,661)	58,922 (3,083)	53,419 (1,120)	46,434 (1,794)	47,318 (2,362)	47,190 (1,587)	49,232 (3,892)
Other	52,150 (878)	50,422 (918)	57,596 (2,087)	59,896 (2,037)	80,645 (6,527)	56,448 (2,404)	65,125 (3,585)	45,854 (1,774)	52,818 (3,009)	43,143 (1,878)	43,662 (1,020)	46,653 (3,863)

[1] Based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

[2] Too few sample cases (fewer than 30) for a reliable estimate.

NOTE: Totals may differ from figures reported in other tables because of varying survey methodologies. Standard errors appear in parentheses. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1987–88, 1992–93, and 1998–99. (This table was prepared October 2001.)

Table 237.—Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions, by academic rank, sex, and control and type of institution: 1970–71 to 1998–99

Academic year and sex	All faculty	Academic rank						Public institutions			Private institutions		
		Professor	Associate professor	Assistant professor	Instructor	Lecturer	No rank	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Current dollars												
Total													
1970–71	$12,710	$17,958	$13,563	$11,176	$9,360	$11,196	$12,333	$12,953	$13,121	$12,644	$11,619	$11,824	$8,664
1972–73	13,856	19,191	14,580	12,032	10,737	11,637	12,676	14,016	14,417	12,919	13,452	13,622	9,288
1974–75	15,622	21,277	16,146	13,295	12,691	12,575	13,532	15,879	16,271	14,897	14,912	15,092	10,242
1975–76	16,659	22,649	17,065	13,986	13,672	12,906	15,196	16,942	17,400	15,820	15,921	16,116	10,901
1976–77	17,560	23,792	17,905	14,662	11,835	13,431	16,634	17,845	18,313	16,685	16,787	16,977	11,637
1977–78	18,709	25,133	18,987	15,530	12,504	14,528	17,831	19,045	19,517	17,895	17,773	17,966	12,191
1978–79	19,820	26,470	20,047	16,374	13,193	15,281	18,725	20,179	20,722	18,844	18,807	19,010	12,496
1979–80	21,348	28,388	21,451	17,465	14,023	16,122	20,262	21,798	22,349	20,429	20,105	20,318	13,250
1980–81	23,302	30,753	23,214	18,901	15,178	17,301	22,334	23,745	24,373	22,177	22,093	22,325	15,065
1981–82	25,449	33,437	25,278	20,608	16,450	18,756	24,331	25,886	26,591	24,193	24,255	24,509	15,926
1982–83	27,196	35,540	26,921	22,056	17,601	20,072	25,557	27,488	28,293	25,567	26,393	26,691	16,595
1984–85	30,447	39,743	29,945	24,668	20,230	22,334	27,683	30,646	31,764	27,864	29,910	30,247	18,510
1985–86	32,392	42,268	31,787	26,277	20,918	23,770	29,088	32,750	34,033	29,590	31,402	31,732	19,436
1987–88	35,897	47,040	35,231	29,110	22,728	25,977	31,532	36,231	37,840	32,209	35,049	35,346	21,867
1989–90	40,133	52,810	39,392	32,689	25,030	28,990	34,559	40,416	42,365	35,516	39,464	39,817	24,601
1990–91	42,165	55,540	41,414	34,434	26,332	30,097	36,395	42,317	44,510	37,055	41,788	42,224	24,088
1991–92	43,851	57,433	42,929	35,745	30,916	30,456	37,783	43,641	45,638	38,959	44,376	44,793	25,673
1992–93	44,714	58,788	43,945	36,625	28,499	30,543	37,771	44,197	46,515	38,935	45,985	46,427	26,105
1993–94	46,364	60,649	45,278	37,630	28,828	32,729	40,584	45,920	48,019	41,040	47,465	47,880	28,435
1994–95	47,811	62,709	46,713	38,756	29,665	33,198	41,227	47,432	49,738	42,101	48,741	49,379	25,613
1995–96	49,309	64,540	47,966	39,696	30,344	34,136	42,996	48,837	51,172	43,295	50,466	50,819	31,915
1996–97	50,829	66,659	49,307	40,687	31,193	34,962	44,200	50,303	52,718	44,584	52,112	52,443	32,628
1997–98	52,335	68,731	50,828	41,830	32,449	35,484	45,268	51,638	54,114	45,919	54,039	54,379	33,592
1998–99	54,097	71,322	52,576	43,348	33,819	36,819	46,250	53,319	55,948	47,285	55,981	56,284	34,821
Men													
1972–73	14,422	19,414	14,723	12,193	11,147	12,106	13,047	14,545	14,944	13,268	14,116	14,253	9,571
1974–75	16,303	21,532	16,282	13,458	13,350	13,232	14,008	16,522	16,918	15,350	15,709	15,852	10,633
1975–76	17,414	22,902	17,209	14,174	14,430	13,579	15,761	17,661	18,121	16,339	16,784	16,946	11,378
1976–77	18,378	24,029	18,055	14,851	12,085	14,147	17,253	18,620	19,091	17,235	17,736	17,891	12,193
1977–78	19,575	25,370	19,133	15,726	12,729	15,181	18,459	19,867	20,347	18,479	18,783	18,935	12,759
1978–79	20,777	26,727	20,221	16,602	13,441	15,927	19,400	21,080	21,628	19,475	19,935	20,086	13,048
1979–80	22,394	28,672	21,651	17,720	14,323	16,932	20,901	22,789	23,350	21,131	21,317	21,472	13,938
1980–81	24,499	31,082	23,451	19,227	15,545	18,281	23,170	24,873	25,509	22,965	23,493	23,669	16,075
1981–82	26,796	33,799	25,553	21,025	16,906	19,721	25,276	27,149	27,864	25,085	25,849	26,037	16,834
1982–83	28,664	35,956	27,262	22,586	18,160	21,225	26,541	28,851	29,661	26,524	28,159	28,380	17,346
1984–85	32,182	40,269	30,392	25,330	21,159	23,557	28,670	32,240	33,344	28,891	32,028	32,278	19,460
1985–86	34,294	42,833	32,273	27,094	21,693	25,238	30,267	34,528	35,786	30,758	33,656	33,900	20,412
1987–88	38,112	47,735	35,823	30,086	23,645	27,652	32,747	38,314	39,898	33,477	37,603	37,817	22,641
1989–90	42,763	53,650	40,131	33,781	25,933	31,162	35,980	42,959	44,834	37,081	42,312	42,595	25,218
1990–91	45,065	56,549	42,239	35,636	27,388	32,398	38,036	45,084	47,168	38,787	45,019	45,319	25,937
1991–92	46,848	58,494	43,814	36,969	33,359	32,843	39,422	46,483	48,401	40,811	47,733	48,042	26,825
1992–93	47,866	59,972	44,855	37,842	29,583	32,512	39,365	47,175	49,392	40,725	49,518	49,837	27,402
1993–94	49,579	61,857	46,229	38,794	29,815	34,796	42,251	48,956	50,989	42,938	51,076	51,397	30,783
1994–95	51,228	64,046	47,705	39,923	30,528	35,082	43,103	50,629	52,874	44,020	52,653	53,036	29,639
1995–96	52,814	65,949	49,037	40,858	30,940	36,135	44,624	52,163	54,448	45,209	54,364	54,649	33,301
1996–97	54,465	68,214	50,457	41,864	31,738	36,932	45,688	53,737	56,162	46,393	56,185	56,453	34,736
1997–98	56,115	70,468	52,041	43,017	33,070	37,481	46,822	55,191	57,744	47,690	58,293	58,576	36,157
1998–99	58,048	73,260	53,830	44,650	34,741	38,976	47,610	57,038	59,805	48,961	60,392	60,641	38,040
Women													
1972–73	11,925	17,123	13,827	11,510	10,098	10,775	11,913	12,250	12,300	12,165	11,044	11,219	8,888
1974–75	13,471	19,012	15,481	12,858	11,740	11,543	12,619	13,892	13,831	13,987	12,233	12,423	9,735
1975–76	14,308	20,308	16,364	13,522	12,572	11,901	14,094	14,762	14,758	14,769	13,030	13,231	10,201
1976–77	15,100	21,536	17,189	14,225	11,589	12,397	15,467	15,573	15,539	15,628	13,709	13,899	10,850
1977–78	16,159	22,943	18,325	15,109	12,288	13,688	16,637	16,684	16,619	16,785	14,597	14,799	11,470
1978–79	17,080	24,143	19,300	15,914	12,966	14,465	17,482	17,646	17,627	17,676	15,388	15,611	11,898
1979–80	18,396	25,910	20,642	16,974	13,750	15,142	19,069	19,042	18,985	19,134	16,539	16,787	12,541
1980–81	19,996	27,959	22,295	18,302	14,854	16,168	20,843	20,673	20,608	20,778	18,073	18,326	13,892
1981–82	21,802	30,438	24,271	19,866	16,054	17,676	22,672	22,524	22,454	22,632	19,743	20,024	14,984
1982–83	23,261	32,221	25,738	21,130	17,102	18,830	23,855	23,892	23,876	23,917	21,451	21,785	15,845
1984–85	25,941	35,824	28,517	23,575	19,362	21,004	26,050	26,566	26,813	26,172	24,186	24,560	17,575
1985–86	27,576	38,252	30,300	24,966	20,237	22,273	27,171	28,299	28,680	27,693	25,523	25,889	18,504
1987–88	30,499	42,371	33,528	27,600	21,962	24,370	29,605	31,215	31,820	30,228	28,621	28,946	21,215
1989–90	34,183	47,663	37,469	31,090	24,320	26,995	32,528	34,796	35,704	33,307	32,650	33,010	24,002
1990–91	35,881	49,728	39,329	32,724	25,534	28,111	34,179	36,459	37,573	34,720	34,359	34,898	22,585
1991–92	37,534	51,621	40,766	34,063	28,873	28,550	35,622	37,800	38,634	36,517	36,828	37,309	24,683
1992–93	38,385	52,755	41,861	35,032	27,700	28,922	35,792	38,356	39,470	36,710	38,460	38,987	25,068
1993–94	40,058	54,746	43,178	36,169	28,136	31,048	38,474	40,118	41,031	38,707	39,902	40,378	26,142
1994–95	41,369	56,555	44,626	37,352	29,072	31,677	38,967	41,548	42,663	39,812	40,908	41,815	22,851
1995–96	42,871	58,318	45,803	38,345	29,940	32,584	41,085	42,871	43,986	41,086	42,871	43,236	30,671
1996–97	44,325	60,160	47,101	39,350	30,819	33,415	42,474	44,306	45,402	42,531	44,374	44,726	30,661
1997–98	45,775	61,965	48,597	40,504	32,011	33,918	43,491	45,648	46,709	43,943	46,106	46,466	30,995
1998–99	47,421	64,236	50,347	41,894	33,152	35,115	44,723	47,247	48,355	45,457	47,874	48,204	31,524

Table 237.—Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions, by academic rank, sex, and control and type of institution: 1970–71 to 1998–99—Continued

Academic year and sex	All faculty	Academic rank						Public institutions			Private institutions		
		Professor	Associate professor	Assistant professor	Instructor	Lecturer	No rank	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Constant 1998–99 dollars												
Total													
1970–71	52,643	74,381	56,180	46,291	38,768	46,374	51,084	53,653	54,349	52,372	48,124	48,976	35,887
1972–73	53,259	73,763	56,042	46,246	41,269	44,728	48,723	53,873	55,414	49,656	51,706	52,358	35,702
1974–75	49,630	67,596	51,296	42,237	40,317	39,952	42,991	50,447	51,694	47,329	47,374	47,947	32,538
1975–76	49,425	67,199	50,632	41,496	40,566	38,291	45,086	50,266	51,625	46,937	47,236	47,817	32,342
1976–77	49,230	66,701	50,196	41,106	33,179	37,654	46,632	50,027	51,341	46,776	47,061	47,594	32,624
1977–78	49,149	66,028	49,881	40,799	32,848	38,165	46,844	50,033	51,273	47,011	46,692	47,197	32,026
1978–79	47,610	63,584	48,155	39,333	31,690	36,705	44,978	48,471	49,776	45,264	45,176	45,662	30,016
1979–80	45,247	60,169	45,465	37,017	29,721	34,169	42,944	46,201	47,368	43,299	42,611	43,063	28,083
1980–81	44,262	58,415	44,094	35,902	28,830	32,863	42,423	45,103	46,296	42,125	41,965	42,406	28,616
1981–82	44,496	58,463	44,197	36,032	28,762	32,794	42,541	45,260	46,493	42,300	42,409	42,853	27,845
1982–83	45,592	59,580	45,131	36,975	29,507	33,649	42,845	46,082	47,431	42,861	44,246	44,746	27,820
1984–85	47,366	61,828	46,586	38,376	31,472	34,745	43,067	47,676	49,415	43,348	46,531	47,055	28,796
1985–86	48,980	63,913	48,065	39,733	31,630	35,943	43,984	49,521	51,461	44,743	47,483	47,982	29,389
1987–88	50,988	66,816	50,042	41,348	32,282	36,897	44,788	51,463	53,748	45,750	49,784	50,205	31,060
1989–90	52,007	68,434	51,047	42,361	32,435	37,567	44,783	52,373	54,899	46,024	51,139	51,598	31,880
1990–91	51,808	68,241	50,884	42,309	32,354	36,980	44,718	51,995	54,689	45,529	51,344	51,880	29,597
1991–92	52,207	68,376	51,108	42,556	36,806	36,259	44,983	51,956	54,333	46,383	52,831	53,327	30,565
1992–93	51,621	67,869	50,733	42,283	32,902	35,261	43,605	51,024	53,700	44,949	53,089	53,599	30,138
1993–94	52,175	68,250	50,952	42,346	32,441	36,830	45,670	51,675	54,037	46,183	53,414	53,880	31,999
1994–95	52,304	68,601	51,103	42,398	32,452	36,318	45,101	51,889	54,412	46,057	53,321	54,019	28,020
1995–96	52,514	68,735	51,084	42,277	32,317	36,354	45,790	52,011	54,498	46,109	53,746	54,122	33,989
1996–97	52,632	69,023	51,056	42,129	32,299	36,201	45,767	52,086	54,587	46,165	53,960	54,303	33,785
1997–98	53,241	69,921	51,708	42,554	33,011	36,098	46,051	52,532	55,051	46,714	54,975	55,321	34,173
1998–99	54,097	71,322	52,576	43,348	33,819	36,819	46,250	53,319	55,948	47,285	55,981	56,284	34,821
Men													
1972–73	55,435	74,623	56,592	46,867	42,847	46,530	50,149	55,908	57,440	50,999	54,257	54,785	36,788
1974–75	51,793	68,406	51,727	42,757	42,412	42,037	44,502	52,490	53,748	48,767	49,908	50,360	33,781
1975–76	51,666	67,949	51,057	42,055	42,813	40,288	46,762	52,400	53,763	48,479	49,798	50,277	33,757
1976–77	51,522	67,364	50,618	41,636	33,881	39,660	48,369	52,200	53,521	48,318	49,721	50,157	34,183
1977–78	51,426	66,649	50,264	41,314	33,441	39,881	48,493	52,192	53,452	48,546	49,345	49,743	33,518
1978–79	49,907	64,201	48,572	39,879	32,285	38,259	46,599	50,637	51,953	46,781	47,885	48,248	31,342
1979–80	47,463	60,770	45,889	37,557	30,358	35,886	44,299	48,301	49,490	44,786	45,182	45,509	29,542
1980–81	46,535	59,039	44,545	36,521	29,527	34,724	44,011	47,246	48,454	43,621	44,624	44,959	30,534
1981–82	46,851	59,095	44,678	36,761	29,559	34,481	44,194	47,468	48,718	43,860	45,195	45,524	29,433
1982–83	48,053	60,278	45,703	37,864	30,444	35,582	44,494	48,367	49,725	44,466	47,207	47,577	29,079
1984–85	50,066	62,647	47,281	39,406	32,917	36,648	44,602	50,156	51,873	44,946	49,826	50,215	30,274
1985–86	51,856	64,768	48,800	40,969	32,802	38,162	45,767	52,210	54,112	46,509	50,891	51,260	30,865
1987–88	54,134	67,802	50,883	42,735	33,585	39,277	46,514	54,421	56,671	47,551	53,411	53,715	32,159
1989–90	55,415	69,523	52,004	43,775	33,605	40,381	46,625	55,668	58,099	48,052	54,831	55,197	32,680
1990–91	55,371	69,481	51,898	43,785	33,652	39,807	46,734	55,395	57,954	47,657	55,315	55,683	31,868
1991–92	55,774	69,639	52,162	44,012	39,715	39,101	46,933	55,340	57,623	48,588	56,828	57,196	31,936
1992–93	55,260	69,236	51,785	43,688	34,153	37,535	45,446	54,462	57,023	47,016	57,168	57,536	31,634
1993–94	55,792	69,609	52,023	43,656	33,552	39,157	47,546	55,091	57,379	48,319	57,478	57,839	34,641
1994–95	56,042	70,065	52,188	43,674	33,397	38,379	47,154	55,387	57,842	48,157	57,601	58,020	32,425
1995–96	56,247	70,236	52,225	43,513	32,951	38,484	47,525	55,553	57,987	48,147	57,897	58,201	35,466
1996–97	56,396	70,632	52,246	43,349	32,863	38,241	47,308	55,642	58,153	48,037	58,177	58,454	35,967
1997–98	57,087	71,688	52,942	43,761	33,643	38,130	47,632	56,147	58,744	48,516	59,302	59,591	36,783
1998–99	58,048	73,260	53,830	44,650	34,741	38,976	47,610	57,038	59,805	48,961	60,392	60,641	38,040
Women													
1972–73	45,835	65,815	53,146	44,240	38,815	41,415	45,792	47,087	47,278	46,757	42,450	43,122	34,161
1974–75	42,796	60,400	49,184	40,849	37,299	36,671	40,089	44,133	43,941	44,436	38,865	39,468	30,928
1975–76	42,450	60,253	48,551	40,119	37,300	35,308	41,816	43,800	43,788	43,819	38,661	39,255	30,265
1976–77	42,331	60,375	48,190	39,880	32,489	34,754	43,360	43,659	43,562	43,812	38,432	38,967	30,417
1977–78	42,450	60,273	48,141	39,693	32,281	35,960	43,708	43,830	43,660	44,096	38,348	38,879	30,134
1978–79	41,028	57,993	46,361	38,226	31,145	34,745	41,994	42,387	42,342	42,458	36,963	37,500	28,579
1979–80	38,990	54,917	43,750	35,976	29,144	32,094	40,417	40,359	40,238	40,555	35,054	35,580	26,579
1980–81	37,982	53,107	42,349	34,764	28,215	30,711	39,591	39,268	39,144	39,467	34,329	34,810	26,388
1981–82	38,119	53,219	42,436	34,734	28,069	30,905	39,641	39,381	39,259	39,571	34,519	35,010	26,199
1982–83	38,996	54,016	43,148	35,423	28,670	31,567	39,991	40,053	40,027	40,095	35,961	36,521	26,563
1984–85	40,356	55,731	44,364	36,676	30,122	32,676	40,526	41,329	41,713	40,716	37,626	38,208	27,341
1985–86	41,698	57,841	45,817	37,751	30,600	33,679	41,085	42,791	43,367	41,875	38,593	39,147	27,980
1987–88	43,321	60,184	47,623	39,203	31,195	34,615	42,051	44,338	45,197	42,936	40,653	41,115	30,134
1989–90	44,296	61,764	48,554	40,288	31,515	34,982	42,152	45,091	46,268	43,161	42,309	42,776	31,103
1990–91	44,086	61,101	48,324	40,208	31,373	34,540	41,995	44,797	46,166	42,660	42,216	42,879	27,750
1991–92	44,685	61,457	48,533	40,553	34,375	33,989	42,410	45,002	45,995	43,475	43,845	44,418	29,386
1992–93	44,314	60,905	48,327	40,444	31,980	33,390	41,321	44,281	45,567	42,381	44,401	45,009	28,940
1993–94	45,079	61,607	48,589	40,702	31,662	34,939	43,296	45,146	46,173	43,558	44,903	45,438	29,418
1994–95	45,257	61,869	48,820	40,862	31,804	34,653	42,629	45,452	46,672	43,553	44,752	45,744	24,999
1995–96	45,657	62,108	48,780	40,838	31,886	34,702	43,755	45,657	46,845	43,757	45,658	46,046	32,665
1996–97	45,896	62,293	48,771	40,745	31,912	34,600	43,960	45,876	47,012	44,039	45,947	46,312	31,748
1997–98	46,567	63,038	49,439	41,205	32,565	34,505	44,244	46,438	47,517	44,704	46,904	47,271	31,532
1998–99	47,421	64,236	50,347	41,894	33,152	35,115	44,723	47,247	48,355	45,457	47,874	48,204	31,524

NOTE: Data for 1970–71 to 1995–96 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Constant dollar data adjusted by the Consumer Price Index prepared by the Bureau of Labor Statistics, averaged on an academic year time frame. Data for 1987–88 and later years include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), *Faculty Salaries, Tenure, and Fringe Benefits,* surveys; and Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty" surveys. (This table was prepared August 2000.)

Table 238.—Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions, by academic rank, sex, and by type and control of institution: 1980–81 to 1998–99

Academic year, control, and type of institution	All faculty	Academic rank						Sex	
		Professor	Associate professor	Assistant professor	Instructor	Lecturer	No academic rank	Men	Women
1	2	3	4	5	6	7	8	9	10
1980–81									
All institutions	$23,302	$30,753	$23,214	$18,901	$15,178	$17,301	$22,334	$24,499	$19,996
4-year	23,693	31,016	23,265	18,867	15,056	17,375	17,380	24,909	19,809
University	25,949	33,622	24,392	19,684	15,530	17,327	17,856	27,206	20,736
Other 4-year	22,230	28,798	22,558	18,398	14,887	17,425	17,334	23,271	19,372
2-year	21,898	26,528	22,750	19,166	15,621	16,222	22,615	22,736	20,434
Public institutions	23,745	31,077	23,772	19,431	15,613	17,620	22,820	24,873	20,673
4-year	24,373	31,442	23,898	19,442	15,486	17,712	19,240	25,509	20,608
University	25,571	32,945	24,268	19,637	15,305	17,426	17,358	26,788	20,564
Other 4-year	23,500	30,097	23,639	19,315	15,567	17,997	19,798	24,499	20,633
2-year	22,177	26,880	22,947	19,370	15,928	16,458	22,875	22,965	20,778
Private institutions	22,093	29,994	21,833	17,767	14,192	15,899	15,946	23,493	18,073
4-year	22,325	30,089	21,887	17,816	14,316	15,971	16,706	23,669	18,326
University	26,897	35,227	24,730	19,792	16,197	16,956	18,933	28,251	21,176
Other 4-year	19,996	26,173	20,502	16,939	13,905	14,741	16,617	21,040	17,342
2-year	15,065	18,645	17,685	14,663	12,155	12,441	14,993	16,075	13,892
1990–91									
All institutions	42,165	55,540	41,414	34,434	26,332	30,097	36,395	45,065	35,881
4-year	43,693	56,485	41,811	34,657	25,772	30,209	31,494	46,519	3[illegible],574
University	49,430	63,437	44,877	37,838	27,105	31,748	31,533	52,426	39,788
Other 4-year	40,313	51,467	39,994	33,020	25,370	29,009	31,488	42,660	35,135
2-year	36,642	44,916	37,650	32,253	27,933	28,048	36,752	38,465	34,224
Public institutions	42,317	55,371	42,101	35,137	26,907	29,881	36,990	45,084	36,459
4-year	44,510	56,668	42,742	35,520	26,134	29,956	32,349	47,168	37,573
University	47,499	60,536	43,851	36,889	25,647	30,429	30,412	50,405	38,363
Other 4-year	42,499	53,704	41,969	34,680	26,316	29,664	33,507	44,804	37,147
2-year	37,055	45,411	38,051	32,673	28,389	28,780	37,096	38,787	34,720
Private institutions	41,788	55,911	39,983	33,116	24,928	30,864	28,523	45,019	34,359
4-year	42,224	56,127	40,122	33,235	25,159	31,053	31,122	45,319	34,898
University	53,875	69,732	47,405	40,013	31,239	34,444	36,211	56,989	43,273
Other 4-year	36,888	47,405	36,965	30,688	23,973	25,416	30,915	39,162	32,251
2-year	24,088	29,520	26,353	24,587	20,911	—	23,187	25,937	22,585
1995–96									
All institutions	49,309	64,540	47,966	39,696	30,344	34,136	42,996	52,814	42,871
4-year	51,044	65,866	48,432	39,991	29,941	34,082	35,657	54,520	43,702
University	58,173	74,650	51,993	43,838	30,689	35,272	36,818	61,972	48,011
Other 4-year	46,946	59,599	46,356	38,179	29,718	33,140	35,470	49,726	41,773
2-year	43,009	51,454	43,107	36,927	31,421	35,165	43,537	44,944	40,791
Public institutions	48,837	63,189	48,122	40,092	30,581	33,634	43,590	52,163	42,871
4-year	51,172	64,946	48,815	40,562	29,907	33,525	36,829	54,448	43,986
University	55,068	69,924	50,186	42,335	29,186	34,139	35,532	58,648	45,676
Other 4-year	48,566	61,076	47,850	39,544	30,178	33,134	37,266	51,375	43,063
2-year	43,295	51,679	43,389	37,241	31,805	35,244	43,754	45,209	41,086
Private institutions	50,466	67,457	47,654	38,964	29,701	35,792	34,599	54,364	42,871
4-year	50,819	67,598	47,760	39,071	30,002	35,810	35,098	54,649	43,236
University	65,405	84,970	56,517	47,387	35,782	37,516	38,649	69,579	53,717
Other 4-year	44,504	57,089	44,186	36,325	28,993	33,170	34,771	47,126	39,982
2-year	31,915	37,929	33,283	29,887	23,895	—	33,410	33,301	30,671
1998–99									
All institutions	54,097	71,322	52,576	43,348	33,819	36,819	46,250	58,048	47,421
4-year	56,072	73,287	53,194	43,638	32,752	36,719	37,556	60,109	48,298
University	64,889	84,205	57,741	48,461	33,795	38,571	42,988	69,420	53,871
Other 4-year	51,035	65,433	50,558	41,448	32,431	35,162	36,882	54,122	45,795
2-year	47,050	56,163	46,538	40,606	36,472	39,221	47,040	48,762	45,186
Public institutions	53,319	69,369	52,694	43,593	34,083	36,113	47,009	57,038	47,247
4-year	55,948	71,969	53,641	44,054	32,517	35,941	38,982	59,805	48,355
University	61,148	78,637	55,839	46,476	31,987	37,010	39,382	65,403	51,130
Other 4-year	52,520	66,779	52,106	42,731	32,718	35,185	38,893	55,743	46,850
2-year	47,285	56,361	46,757	40,846	36,715	39,221	47,251	48,961	45,457
Private institutions	55,981	75,510	52,342	42,897	33,023	39,074	36,844	60,392	47,874
4-year	56,284	75,649	52,431	42,977	33,209	39,074	36,867	60,641	48,204
University	73,212	95,596	62,324	52,971	39,853	41,912	47,167	78,092	60,444
Other 4-year	48,828	63,230	48,360	39,694	31,952	35,062	36,023	51,631	44,309
2-year	34,821	36,088	34,571	31,227	26,227	—	36,773	38,040	31,524

—Not available.

NOTE: Data for 1980–81 to 1995–96 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), *Faculty Salaries, Tenure, and Fringe Benefits, 1980–81;* and Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty" surveys. (This table was prepared August 2000.)

Table 239.—Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions, by type and control of institution and by state: 1998–99

State or other area	All institutions	Public institutions					Private institutions				
		Total	4-year institutions			2-year	Total	4-year institutions			2-year
			Total	University	Other 4-year			Total	University	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12
United States	**$54,097**	**$53,319**	**$55,948**	**$61,148**	**$52,520**	**$47,285**	**$55,981**	**$56,284**	**$73,212**	**$40,828**	**$34,821**
Alabama	46,218	47,344	49,326	53,630	46,411	42,277	40,350	40,657	—	40,657	27,057
Alaska	51,550	52,457	52,387	53,525	51,689	60,021	39,696	39,696	—	39,696	—
Arizona	56,067	56,551	59,163	62,358	50,071	51,576	45,043	45,043	—	45,043	—
Arkansas	42,162	42,590	45,677	52,733	43,618	33,823	39,889	40,076	—	40,076	24,607
California	63,778	63,587	67,699	85,636	64,219	58,849	64,571	64,910	81,278	56,213	29,299
Colorado	52,188	51,717	54,947	62,577	48,783	38,583	55,702	55,702	58,577	52,209	—
Connecticut	64,224	62,669	65,792	72,951	59,113	53,217	65,909	66,313	86,741	58,154	33,696
Delaware	61,136	61,598	64,831	67,485	50,570	45,627	56,410	56,613	—	56,613	—
District of Columbia	63,779	52,805	52,805	—	52,805	—	64,265	64,265	65,609	51,478	—
Florida	50,200	50,258	55,144	60,808	52,084	43,396	49,999	50,453	63,525	46,389	23,719
Georgia	52,220	53,091	55,215	63,076	53,344	41,610	49,830	50,498	75,900	43,605	31,644
Hawaii	56,044	55,798	61,130	63,250	49,444	47,317	58,741	58,741	—	58,741	—
Idaho	46,465	46,267	47,551	51,998	45,625	38,898	47,101	40,666	—	40,666	49,693
Illinois	56,469	54,514	55,145	60,625	50,700	53,455	59,738	59,993	79,645	47,485	33,104
Indiana	51,806	51,216	53,859	56,862	47,792	36,309	53,082	53,306	77,764	45,941	33,106
Iowa	50,484	54,050	61,341	65,001	51,530	38,334	44,383	44,448	54,559	43,137	34,531
Kansas	44,649	46,488	50,404	53,397	43,653	38,010	33,255	33,711	—	33,711	26,555
Kentucky	46,413	48,115	50,558	57,391	46,558	39,277	40,259	40,263	—	40,263	—
Louisiana	45,705	43,820	44,885	51,840	42,931	35,248	54,570	54,587	62,655	42,468	—
Maine	49,498	47,035	46,854	53,165	46,692	39,923	53,994	54,507	—	54,507	27,158
Maryland	53,934	52,998	55,601	63,448	51,727	48,510	56,961	56,993	72,617	47,949	—
Massachusetts	63,234	53,669	58,587	67,123	55,214	42,328	68,540	68,826	78,640	57,967	37,463
Michigan	57,615	59,965	60,380	68,357	53,846	58,510	45,281	45,418	47,720	45,164	19,927
Minnesota	52,028	53,877	58,742	73,577	51,360	46,683	47,603	47,750	—	47,750	36,428
Mississippi	42,825	43,385	46,751	49,513	44,830	39,111	38,274	39,200	—	39,200	26,342
Missouri	50,085	50,103	52,349	62,290	50,395	42,663	50,048	50,310	67,678	40,549	36,037
Montana	43,944	45,356	47,495	49,599	42,666	33,076	34,696	35,018	—	35,018	30,229
Nebraska	46,759	47,970	51,091	57,362	46,505	35,422	43,056	43,056	50,745	38,903	—
Nevada	55,113	55,225	60,922	64,471	58,549	45,947	41,846	41,846	—	41,846	—
New Hampshire	53,288	50,444	53,947	56,659	49,188	36,564	56,906	57,098	—	57,098	22,090
New Jersey	64,922	64,535	67,421	75,264	64,702	57,458	65,906	66,045	80,498	55,135	28,075
New Mexico	44,875	45,471	49,698	52,504	42,256	34,600	36,096	36,096	—	36,096	—
New York	59,685	57,451	59,098	65,973	58,060	54,233	61,872	62,075	73,688	53,748	31,081
North Carolina	51,400	51,219	55,004	66,700	50,322	32,583	51,799	51,997	77,202	40,308	34,897
North Dakota	38,976	39,510	41,138	42,630	37,965	34,371	35,039	36,790	—	36,790	26,407
Ohio	53,428	55,065	57,813	59,392	52,392	45,647	49,698	49,904	72,237	47,517	26,555
Oklahoma	44,874	45,604	48,335	54,229	43,078	37,556	41,963	42,228	51,960	38,088	27,245
Oregon	47,893	47,643	49,749	53,007	46,201	45,347	48,753	48,753	—	48,753	—
Pennsylvania	58,161	58,891	60,193	66,162	56,836	51,526	57,301	57,801	79,156	51,373	31,663
Rhode Island	58,374	55,762	59,241	63,682	51,431	44,984	60,306	60,306	—	60,306	—
South Carolina	44,912	45,946	51,342	58,003	44,366	35,014	40,412	40,539	—	40,539	33,262
South Dakota	39,571	40,351	41,875	42,719	40,704	32,918	36,115	36,115	—	36,115	—
Tennessee	46,762	46,269	49,539	58,882	46,556	36,502	47,850	48,019	72,519	39,152	24,849
Texas	49,071	47,955	51,630	58,338	46,133	41,321	53,879	54,231	64,320	46,301	26,217
Utah	50,154	47,660	50,137	54,425	43,215	38,144	56,417	56,598	57,711	43,290	41,565
Vermont	47,936	49,775	49,775	53,548	40,246		46,223	47,587	—	47,587	24,371
Virginia	52,758	54,015	57,557	62,616	54,489	42,389	48,634	48,725	—	48,725	30,800
Washington	48,513	48,321	53,990	58,082	47,205	41,117	49,294	49,294	—	49,294	—
West Virginia	43,783	45,016	45,577	52,958	42,183	37,307	37,386	37,386	—	37,386	—
Wisconsin	52,648	54,209	55,801	69,211	51,071	51,871	45,953	45,953	57,323	42,648	—
Wyoming	41,039	41,039	48,243	48,243	—	33,820	—	—	—	—	—
U.S. Service Schools	65,759	65,759	65,759	—	65,759	—	—	—	—	—	—
Outlying areas	39,861	41,175	42,079	40,338	43,022	31,434	24,929	25,203	—	25,203	15,456
American Samoa	25,265	25,265	—	—	—	25,265	—	—	—	—	—
Federated States of Micronesia	17,106	17,106	—	—	—	17,106	—	—	—	—	—
Guam	50,166	50,166	52,506	—	52,506	45,790	—	—	—	—	—
Marshall Islands	14,924	14,924	—	—	—	14,924	—	—	—	—	—
Northern Marianas	35,175	35,175	—	—	—	35,175	—	—	—	—	—
Palau	16,781	16,781	—	—	—	16,781	—	—	—	—	—
Puerto Rico	39,670	41,188	41,263	40,338	41,836	36,759	24,929	25,203	—	25,203	15,456
Virgin Islands	49,421	49,421	49,421	—	49,421	—	—	—	—	—	—

—Not available or not applicable.

NOTE: Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty, 1998–99" survey. (This table was prepared August 2000.)

Table 240.—Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions, by type and control of institution and by state: 1997–98

State or other area	All institutions	Public institutions					Private institutions				
		Total	4-year institutions			2-year	Total	4-year institutions			2-year
			Total	University	Other 4-year			Total	University	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12
United States	**$52,335**	**$51,638**	**$54,114**	**$58,773**	**$51,017**	**$45,919**	**$54,039**	**$54,379**	**$70,021**	**$47,492**	**$33,592**
Alabama	42,623	43,321	45,377	49,640	42,676	37,964	38,827	39,141	—	39,141	26,259
Alaska	50,323	51,080	50,979	51,729	50,548	61,909	38,960	38,960	—	38,960	—
Arizona	54,270	54,622	56,693	59,949	47,884	50,539	46,480	46,480	—	46,480	—
Arkansas	40,769	41,319	44,311	50,511	42,346	33,305	37,902	38,428	—	38,428	19,172
California	61,451	61,092	65,009	76,814	62,749	56,462	62,950	63,394	77,937	55,400	34,044
Colorado	51,259	50,854	53,655	60,326	48,310	37,875	54,239	54,239	56,862	50,940	—
Connecticut	62,828	61,529	64,812	71,779	58,398	50,780	64,184	64,819	83,506	57,162	36,365
Delaware	59,204	59,493	62,507	64,878	49,356	44,156	56,224	56,224	—	56,224	—
District of Columbia	60,982	48,708	48,708	—	48,708	—	61,204	61,204	62,738	47,621	—
Florida	48,972	49,007	53,761	59,093	50,716	42,521	48,846	48,962	61,729	44,824	26,826
Georgia	49,710	50,240	52,247	59,098	50,629	39,390	48,212	48,839	73,022	41,979	30,670
Hawaii	53,447	53,820	58,800	60,469	49,087	45,628	49,215	49,215	—	49,215	—
Idaho	44,230	44,099	45,186	48,792	43,521	37,556	44,649	40,158	—	40,158	46,442
Illinois	54,478	52,751	53,317	58,419	49,033	51,793	57,469	57,932	76,217	46,017	30,220
Indiana	50,061	49,714	52,079	54,908	46,364	35,913	50,791	51,015	74,134	44,255	31,565
Iowa	48,638	52,612	59,685	63,119	50,611	37,460	42,146	42,213	54,529	40,625	33,957
Kansas	43,207	44,929	48,862	51,657	42,434	36,453	32,650	33,026	—	33,026	25,775
Kentucky	44,994	46,724	49,378	56,089	45,329	36,621	38,698	38,698	—	38,698	—
Louisiana	45,204	43,710	44,864	52,295	42,882	34,621	52,441	52,441	60,570	40,559	—
Maine	45,794	44,739	46,803	50,678	44,760	36,246	48,261	49,054	—	49,054	28,260
Maryland	52,254	51,304	53,797	61,153	50,058	46,934	55,407	55,547	73,847	46,727	29,660
Massachusetts	61,423	53,760	58,931	67,850	55,353	42,039	65,808	66,058	75,173	56,087	36,327
Michigan	55,658	57,810	58,474	65,529	52,609	55,608	44,341	44,443	48,873	43,862	23,762
Minnesota	49,488	50,790	55,260	69,602	48,119	44,529	46,282	46,414	—	46,414	34,368
Mississippi	41,264	41,785	44,522	46,464	43,196	38,308	37,110	37,983	—	37,983	24,727
Missouri	48,490	48,769	50,960	60,339	49,082	41,499	47,933	48,113	62,513	39,425	37,117
Montana	42,084	43,432	45,397	47,069	41,586	31,582	34,423	35,034	—	35,034	26,681
Nebraska	45,754	47,032	49,951	56,256	45,519	35,029	41,807	41,807	49,239	37,939	—
Nevada	53,588	53,691	57,537	61,035	55,155	46,323	41,051	41,051	—	41,051	—
New Hampshire	52,273	50,446	54,045	57,663	47,845	35,625	54,665	54,837	—	54,837	24,230
New Jersey	62,568	62,227	64,640	71,636	62,282	56,444	63,452	63,562	77,377	53,213	25,982
New Mexico	42,969	43,438	47,260	49,889	40,165	33,094	35,906	35,906	—	35,906	—
New York	58,154	55,827	57,656	62,695	56,879	52,540	60,462	60,941	71,003	53,519	30,065
North Carolina	48,984	50,569	53,669	64,304	49,311	32,128	45,390	45,661	63,229	38,817	32,267
North Dakota	38,427	39,041	40,545	41,985	37,479	33,459	33,808	35,373	—	35,373	25,258
Ohio	51,884	53,463	56,303	58,064	50,299	43,966	48,314	48,594	69,821	46,344	30,879
Oklahoma	43,955	44,258	46,754	52,236	42,014	37,045	42,738	43,071	52,615	38,804	25,253
Oregon	46,591	46,068	47,695	50,810	44,203	44,265	48,442	48,442	—	48,442	—
Pennsylvania	56,451	57,079	58,310	64,039	55,097	50,184	55,703	56,150	76,607	49,966	31,193
Rhode Island	56,456	53,656	57,006	61,573	48,958	43,329	58,551	58,551	—	58,551	—
South Carolina	43,517	44,552	49,795	55,456	43,568	33,653	39,120	39,226	—	39,226	33,798
South Dakota	37,023	37,525	38,542	39,469	37,259	32,530	34,949	34,997	—	34,997	21,600
Tennessee	46,137	45,912	49,133	56,213	46,817	36,041	46,643	46,834	71,518	37,660	23,839
Texas	48,210	47,310	50,381	56,902	45,033	41,623	52,178	52,374	61,759	45,044	26,489
Utah	47,627	45,497	47,528	51,042	41,768	37,374	52,976	53,167	54,229	41,006	39,487
Vermont	46,908	47,448	47,448	51,399	37,650	—	46,437	47,819	—	47,819	20,206
Virginia	50,471	51,537	54,927	59,725	51,906	40,629	46,936	47,037	—	47,037	28,793
Washington	47,637	47,531	52,971	57,031	46,255	40,565	48,061	48,061	—	48,061	—
West Virginia	42,345	43,302	43,865	51,374	40,406	35,588	37,106	37,106	—	37,106	—
Wisconsin	50,831	52,301	53,713	65,964	49,398	50,263	44,739	44,739	56,315	41,446	—
Wyoming	40,186	40,186	46,941	46,941	—	33,458	—	—	—	—	—
U.S. Service Schools	62,637	62,637	62,637	—	62,637	—	—	—	—	—	—
Outlying areas	34,870	36,291	36,648	39,036	35,191	32,408	22,655	22,655	—	22,655	—
American Samoa	33,096	33,096	—	—	—	33,096	—	—	—	—	—
Federated States of Micronesia	18,928	18,928	—	—	—	18,928	—	—	—	—	—
Guam	48,502	48,502	50,916	—	50,916	44,933	—	—	—	—	—
Marshall Islands	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas	34,975	34,975	—	—	—	34,975	—	—	—	—	—
Palau	16,262	16,262	—	—	—	16,262	—	—	—	—	—
Puerto Rico	34,026	35,601	35,601	39,036	33,182	—	22,655	22,655	—	22,655	—
Virgin Islands	44,762	44,762	44,762	—	44,762	—	—	—	—	—	—

—Not available or not applicable.

NOTE: Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty, 1997–98" survey. (This table was prepared September 1999.)

Table 241.—Average salary of full-time instructional faculty on 9-month contracts in 4-year degree-granting institutions, by type and control of institution and rank of faculty and by state: 1998–99

State or other area	Public university			Public other 4-year			Private university			Private other 4-year		
	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**$78,637**	**$55,839**	**$46,476**	**$66,779**	**$52,106**	**$42,731**	**$95,596**	**$62,324**	**$52,971**	**$63,230**	**$48,360**	**$39,694**
Alabama	71,567	51,562	43,397	60,460	48,014	41,318	—	—	—	52,810	40,107	34,503
Alaska	68,756	55,412	43,896	65,201	52,181	42,862	—	—	—	46,654	42,529	36,291
Arizona	78,547	56,117	48,026	67,418	53,819	42,859	—	—	—	61,911	51,373	41,553
Arkansas	69,555	53,340	46,440	56,772	46,650	39,647	—	—	—	47,936	40,779	34,473
California	103,358	67,872	57,388	74,556	57,255	46,297	101,888	68,635	58,445	71,945	52,973	44,013
Colorado	76,149	55,837	47,212	60,649	48,928	40,787	74,594	57,094	45,183	65,979	48,356	41,284
Connecticut	90,398	65,748	51,164	73,707	57,307	44,694	113,169	64,291	52,078	74,087	55,211	46,163
Delaware	88,423	63,188	50,124	64,989	51,027	44,244	—	—	—	67,835	61,047	36,801
District of Columbia	—	—	—	59,425	47,126	38,997	86,405	59,186	48,726	70,273	51,330	42,885
Florida	73,067	53,199	47,001	67,129	52,106	43,727	85,477	56,878	50,073	59,655	45,692	38,897
Georgia	82,548	56,674	49,458	71,227	55,292	44,926	101,472	64,160	53,272	57,524	45,323	37,708
Hawaii	77,989	58,276	51,094	60,809	49,768	43,698	—	—	—	67,241	58,587	52,171
Idaho	61,110	50,355	42,922	55,931	46,199	39,190	—	—	—	48,024	42,510	36,324
Illinois	80,431	54,945	46,667	64,895	52,160	42,503	104,566	65,738	56,295	59,581	48,383	40,460
Indiana	75,296	54,322	44,167	65,029	49,780	42,093	98,127	65,605	55,180	56,154	45,444	38,522
Iowa	81,970	58,432	47,742	67,960	52,503	43,742	68,565	49,397	40,587	54,051	42,350	36,358
Kansas	66,870	49,729	43,700	56,306	45,718	37,525	—	—	—	39,714	34,976	30,337
Kentucky	72,458	53,537	43,416	60,303	48,106	39,998	—	—	—	49,744	40,597	34,886
Louisiana	70,923	50,877	44,509	57,253	45,281	38,388	79,617	54,650	49,388	51,838	44,970	38,478
Maine	63,992	51,779	44,917	56,783	46,798	37,695	—	—	—	75,349	52,663	41,203
Maryland	81,705	58,336	53,205	68,145	53,315	44,045	85,090	64,287	53,897	60,608	48,843	39,104
Massachusetts	78,248	60,687	49,961	64,285	54,122	42,301	103,409	64,465	55,941	74,310	54,628	45,367
Michigan	86,435	65,055	51,908	66,253	53,437	43,945	58,780	48,320	40,167	53,756	45,265	38,828
Minnesota	87,549	61,720	51,519	61,044	51,118	41,852	—	—	—	61,811	47,185	38,968
Mississippi	67,274	52,625	43,471	58,000	47,314	39,704	—	—	—	50,859	40,024	34,401
Missouri	77,695	58,601	48,423	64,681	51,287	40,867	86,931	57,125	52,538	50,636	42,325	36,444
Montana	60,753	48,918	41,235	51,151	42,486	36,335	—	—	—	42,056	36,012	31,263
Nebraska	76,027	53,715	46,232	58,024	49,342	39,175	78,076	50,783	38,022	47,342	39,659	34,690
Nevada	81,767	61,379	48,880	79,500	59,617	46,569	—	—	—	—	39,433	—
New Hampshire	70,401	52,430	42,006	59,762	47,552	38,996	—	—	—	75,679	52,041	41,192
New Jersey	96,428	68,481	50,902	82,949	64,945	49,318	108,832	62,231	50,230	70,059	55,860	43,032
New Mexico	66,565	49,791	41,855	53,784	42,256	37,037	—	—	—	47,186	40,054	34,163
New York	82,963	59,452	48,043	72,349	56,040	45,289	94,717	64,741	54,252	71,345	54,415	43,377
North Carolina	85,053	60,720	51,779	65,026	51,477	43,604	98,523	67,070	53,671	49,522	40,806	35,489
North Dakota	53,303	43,782	39,383	46,948	40,632	35,412	—	—	—	43,455	38,085	34,468
Ohio	76,223	55,250	44,724	68,716	52,755	42,649	87,059	64,496	54,134	60,010	46,318	38,372
Oklahoma	70,992	50,663	42,296	52,990	45,572	39,956	70,232	49,534	40,993	48,664	40,272	34,005
Oregon	66,972	50,899	45,028	56,668	44,532	38,634	—	—	—	62,451	46,773	38,219
Pennsylvania	86,279	60,491	47,961	74,979	59,058	46,413	99,859	64,550	57,280	66,802	51,500	41,700
Rhode Island	73,388	55,432	45,386	58,038	49,749	42,369	—	—	—	77,338	55,162	46,076
South Carolina	73,584	54,764	44,936	54,889	45,786	38,659	—	—	—	51,872	40,265	34,359
South Dakota	53,712	44,005	37,703	53,368	42,776	36,749	—	—	—	44,435	39,144	32,573
Tennessee	69,632	53,967	43,565	57,764	45,410	38,680	96,287	63,035	50,902	48,456	40,107	34,826
Texas	77,755	52,560	45,412	59,372	47,640	40,876	84,942	58,410	50,604	60,130	44,935	36,738
Utah	69,675	50,484	42,897	52,131	43,372	37,988	71,189	53,663	46,123	51,208	42,933	38,385
Vermont	68,759	52,259	42,646	47,491	38,535	32,075	—	—	—	59,418	45,476	40,710
Virginia	81,111	58,706	48,124	69,692	53,566	43,440	—	—	—	63,135	47,473	38,399
Washington	72,881	52,712	46,737	56,120	46,792	40,603	—	—	—	60,901	47,678	41,000
West Virginia	66,306	51,535	41,361	50,912	42,274	35,653	—	—	—	46,566	38,709	33,817
Wisconsin	78,147	59,437	52,605	60,706	49,604	42,334	72,912	56,371	45,682	53,258	42,690	37,320
Wyoming	60,340	47,768	41,893	—	—	—	—	—	—	—	—	—
U.S. Service Schools	—	—	—	78,156	60,478	49,387	—	—	—	—	—	—
Outlying areas	47,866	39,622	34,034	55,049	47,016	39,033	—	—	—	30,491	28,372	25,320
American Samoa	—	—	—	—	—	—	—	—	—	—	—	—
Federated States of Micronesia	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	—	—	70,628	55,387	45,170	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—	—	—	—
Palau	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	47,866	39,622	34,034	53,636	45,908	38,221	—	—	—	30,491	28,372	25,320
Virgin Islands	—	—	—	62,192	48,917	40,808	—	—	—	—	—	—

—Not available or not applicable.

NOTE: Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty, 1998–99" survey. (This table was prepared August 2000.)

Table 242.—Average salary of full-time instructional faculty on 9-month contracts in 4-year degree-granting institutions, by type and control of institution and rank of faculty and by state: 1997–98

State or other area	Public university			Public other 4-year			Private university			Private other 4-year		
	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**$75,147**	**$53,584**	**$44,748**	**$64,558**	**$50,428**	**$41,392**	**$91,334**	**$59,843**	**$50,502**	**$61,253**	**$46,892**	**$38,371**
Alabama	64,711	47,729	40,522	54,448	43,903	38,101	—	—	—	51,371	39,567	33,378
Alaska	65,882	53,503	44,208	63,899	51,968	41,932	—	—	—	45,045	40,831	35,106
Arizona	75,058	54,142	46,387	62,376	50,372	40,837	—	—	—	58,324	50,577	37,603
Arkansas	66,834	50,759	42,575	54,871	44,359	37,940	—	—	—	46,381	39,066	32,816
California	92,832	60,828	52,453	71,745	55,686	45,305	97,980	64,369	55,065	69,876	51,139	41,554
Colorado	73,066	53,748	45,558	60,269	47,643	40,216	72,094	54,518	45,494	65,492	49,372	39,040
Connecticut	88,039	64,494	49,993	72,359	56,524	43,803	108,550	61,245	50,047	71,389	53,343	45,366
Delaware	85,429	60,734	48,716	63,822	51,108	42,849	—	—	—	70,267	59,855	36,272
District of Columbia	—	—	—	61,906	48,403	39,452	83,147	56,212	46,392	65,777	47,200	39,094
Florida	71,222	51,080	45,749	65,169	49,928	42,620	81,941	55,466	48,466	58,266	43,813	37,118
Georgia	78,295	54,038	47,207	66,941	52,583	42,753	97,240	62,028	51,570	52,454	42,940	35,915
Hawaii	75,306	56,761	49,059	58,993	48,184	42,484	—	—	—	55,689	51,716	42,401
Idaho	57,905	46,709	41,602	52,596	43,390	37,661	—	—	—	49,240	40,771	35,783
Illinois	76,915	52,677	45,262	62,096	49,883	41,317	99,283	62,959	54,537	57,236	46,353	38,926
Indiana	72,159	52,280	42,431	63,125	46,040	41,521	94,093	63,518	53,326	54,224	43,842	37,049
Iowa	78,743	55,917	46,857	66,097	51,707	43,269	68,054	50,038	41,589	51,438	40,368	34,210
Kansas	64,378	47,947	41,849	54,824	44,204	36,681	—	—	—	38,154	33,913	30,152
Kentucky	69,830	51,238	42,996	58,266	46,356	38,619	—	—	—	48,240	38,893	33,305
Louisiana	70,089	51,342	43,466	56,931	45,374	38,397	76,741	53,918	45,561	48,803	42,524	36,975
Maine	61,524	49,794	41,800	54,596	44,921	36,197	—	—	—	67,828	48,312	37,843
Maryland	79,161	55,494	49,397	65,298	51,409	42,606	91,232	62,967	51,713	59,511	47,213	38,925
Massachusetts	79,208	60,539	49,552	64,208	54,132	42,918	98,242	61,791	53,828	71,973	52,976	43,807
Michigan	82,438	60,414	50,237	64,401	52,002	42,732	61,689	52,376	37,757	52,557	43,609	37,644
Minnesota	82,247	57,505	48,799	56,783	47,005	39,525	—	—	—	60,554	46,178	37,495
Mississippi	60,626	48,932	41,596	55,712	46,017	37,908	—	—	—	49,337	37,802	33,849
Missouri	75,401	56,579	47,467	62,379	49,578	39,952	83,284	55,634	47,159	48,809	41,094	34,986
Montana	56,618	47,034	39,207	51,102	41,758	35,636	—	—	—	42,615	36,640	31,494
Nebraska	75,218	51,986	42,925	56,716	47,914	38,712	74,334	49,456	37,299	45,515	38,660	33,582
Nevada	78,495	57,925	45,714	72,598	56,330	45,545	—	—	—	49,923	42,161	32,547
New Hampshire	71,513	53,776	42,549	58,228	45,343	37,788	—	—	—	72,812	48,784	40,693
New Jersey	91,022	64,724	47,858	79,953	62,466	47,604	105,041	60,684	48,570	65,554	54,054	42,178
New Mexico	63,295	48,088	40,041	51,838	41,043	34,672	—	—	—	44,454	38,218	32,373
New York	79,083	56,094	44,982	70,338	54,144	43,814	90,240	62,176	52,531	70,310	52,974	42,204
North Carolina	82,482	57,803	49,918	63,483	50,309	42,725	81,827	57,988	46,288	48,258	39,158	33,934
North Dakota	52,248	43,290	38,479	47,362	40,323	34,949	—	—	—	42,668	36,994	33,072
Ohio	73,885	53,918	43,845	66,027	50,467	40,995	83,466	61,747	51,380	58,382	45,118	37,517
Oklahoma	67,835	48,714	40,953	51,780	44,297	39,180	72,809	49,773	41,108	49,453	40,750	34,164
Oregon	63,858	48,780	42,740	54,140	42,243	37,252	—	—	—	61,550	46,150	37,380
Pennsylvania	83,740	58,872	46,591	72,882	57,132	45,383	96,163	63,456	54,385	64,934	50,209	40,536
Rhode Island	70,761	53,446	44,429	55,444	48,130	40,019	—	—	—	74,907	53,280	45,040
South Carolina	70,329	52,123	42,951	54,089	44,796	38,085	—	—	—	50,728	38,148	33,489
South Dakota	49,382	40,397	35,305	48,511	39,576	33,989	—	—	—	43,837	37,669	31,317
Tennessee	66,162	52,066	42,458	58,358	45,829	37,360	93,283	61,614	48,413	47,190	38,772	33,435
Texas	75,799	51,267	44,187	58,116	47,236	39,624	81,378	56,151	47,383	57,010	44,972	35,868
Utah	64,382	47,621	39,993	50,308	41,861	36,678	67,053	50,623	43,854	48,796	42,664	35,485
Vermont	66,354	50,509	40,694	44,499	36,504	30,925	—	—	—	62,804	44,970	39,915
Virginia	76,570	55,353	46,280	65,735	51,267	41,597	—	—	—	60,503	46,205	37,589
Washington	70,811	51,329	45,616	54,017	45,299	38,716	—	—	—	61,055	47,304	39,803
West Virginia	63,584	50,377	40,127	48,793	40,255	34,016	—	—	—	44,948	38,547	33,034
Wisconsin	74,363	55,900	51,214	58,403	48,003	41,012	72,572	54,966	44,454	51,693	41,460	36,142
Wyoming	58,437	46,033	41,055	—	—	—	—	—	—	—	—	—
U.S. Service Schools	—	—	—	74,071	57,602	47,459	—	—	—	—	—	—
Outlying areas	46,085	40,394	33,554	42,424	36,757	32,880	—	—	—	20,330	31,702	25,047
American Samoa	—	—	—	—	—	—	—	—	—	—	—	—
Federated States of Micronesia	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	—	—	72,959	57,127	45,252	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—	—	—	—
Palau	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	46,085	40,394	33,554	40,417	34,396	29,800	—	—	—	20,330	31,702	25,047
Virgin Islands	—	—	—	54,394	44,710	38,735	—	—	—	—	—	—

—Not available or not applicable.

NOTE: Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty, 1997–98" survey. (This table was prepared September 1999.)

Table 243.—Full-time instructional faculty with tenure for degree-granting institutions reporting tenure status, by academic rank, sex, and type and control of institution: 1980–81 to 1998–99

Academic year, type, and control of institution	Percent with tenure, by rank							Percent with tenure, by sex	
	All ranks	Professor	Associate professor	Assistant professor	Instructor	Lecturer	No academic rank	Men	Women
1	2	3	4	5	6	7	8	9	10
1980–81									
All institutions	64.8	95.8	82.9	27.9	9.2	11.9	77.4	70.0	49.7
4-year	62.7	95.8	82.2	24.1	6.6	10.7	24.7	68.3	44.0
University	64.5	96.7	83.7	15.3	5.4	4.3	3.5	70.0	41.0
Other 4-year	61.3	94.9	81.2	29.7	7.1	17.8	32.4	67.0	45.5
2-year	74.5	95.6	89.2	58.9	19.8	34.8	81.1	78.8	66.6
Public institutions	68.0	96.6	85.9	32.5	11.8	14.3	79.4	72.8	54.0
4-year	65.7	96.6	85.3	27.6	8.7	12.8	12.2	71.1	47.5
University	66.0	96.9	86.5	16.8	6.1	4.9	4.5	71.3	42.8
Other 4-year	65.5	96.3	84.4	35.5	10.0	21.4	17.2	70.9	50.2
2-year	75.2	95.9	89.5	59.5	20.3	35.8	81.8	79.3	67.5
Private institutions	55.9	93.8	75.2	17.5	3.0	1.5	43.4	62.2	37.2
4-year	56.0	93.8	75.2	17.4	2.8	1.5	37.5	62.2	37.2
University	60.4	96.3	75.8	11.5	3.5	1.8	0.6	66.3	36.5
Other 4-year	53.6	92.0	74.9	20.2	2.6	1.2	43.4	59.8	37.4
2-year	49.5	84.7	77.3	35.2	8.8	—	52.2	57.3	39.5
1990–91									
All institutions	61.2	95.6	80.8	18.6	6.8	6.9	36.3	67.8	45.3
4-year	61.7	95.7	80.4	15.8	4.1	6.0	19.1	68.6	43.9
University	65.2	97.2	85.4	9.0	3.5	2.1	1.4	71.6	43.6
Other 4-year	59.4	94.6	77.1	19.7	4.3	9.2	30.2	66.3	44.0
2-year	57.1	93.7	85.3	50.7	16.3	26.6	39.8	60.9	51.9
Public institutions	62.9	96.3	83.7	21.7	8.6	8.4	36.6	69.4	47.4
4-year	64.0	96.5	83.5	18.0	5.3	7.3	11.3	70.8	45.9
University	66.3	97.3	88.3	9.7	4.2	2.4	0.4	72.8	44.5
Other 4-year	62.3	95.9	79.9	23.4	5.7	10.6	23.5	69.1	46.7
2-year	57.3	93.7	85.6	51.4	16.7	26.7	39.7	61.0	52.2
Private institutions	56.7	93.9	73.8	11.8	1.5	1.0	33.3	63.7	39.8
4-year	56.8	93.9	73.8	11.6	1.4	1.0	31.2	63.7	39.8
University	62.2	96.9	77.4	7.3	1.4	1.4	6.5	68.5	41.3
Other 4-year	53.9	91.9	72.0	13.5	1.5	0.5	36.3	60.9	39.2
2-year	45.7	90.2	70.9	29.0	4.3	—	49.7	53.1	39.3
1997–98									
All institutions	64.7	96.1	83.9	16.0	7.9	1.5	71.5	71.6	52.0
4-year	63.1	96.4	83.8	12.8	3.7	1.6	26.6	70.8	47.5
University	67.4	97.5	88.5	6.1	2.7	1.2	10.5	74.9	48.1
Other 4-year	60.4	95.5	80.7	16.1	4.1	1.9	34.9	67.9	47.2
2-year	72.7	93.7	85.0	51.4	21.3	—	76.3	76.3	68.5
Public institutions	67.2	97.2	87.6	18.9	9.9	1.5	73.1	74.0	54.9
4-year	65.5	97.8	87.9	14.2	4.8	1.5	13.6	73.4	49.1
University	69.0	98.1	91.9	6.2	3.1	1.0	0.7	76.7	49.3
Other 4-year	63.0	97.5	84.8	18.8	5.4	1.9	20.7	70.8	48.9
2-year	72.9	93.7	85.3	51.8	21.5	0.0	76.4	76.5	68.7
Private institutions	58.6	93.6	75.9	10.5	1.7	1.7	51.0	65.8	44.7
4-year	58.5	93.6	75.9	10.4	1.4	1.7	38.9	65.7	44.6
University	63.6	96.0	79.9	5.9	1.3	1.5	20.5	70.8	45.2
Other 4-year	56.0	92.1	74.1	12.2	1.4	1.9	48.0	62.9	44.3
2-year	65.1	94.1	62.5	28.6	14.8	—	75.1	69.9	55.8
1998–99									
All institutions	63.9	95.9	83.6	15.6	7.9	1.9	69.1	70.6	51.8
4-year	62.3	96.2	83.6	12.3	3.5	1.3	22.3	70.0	47.3
University	66.4	97.2	88.4	5.3	2.3	0.9	0.9	73.8	47.9
Other 4-year	59.8	95.4	80.6	15.8	3.9	1.8	33.3	67.2	47.0
2-year	71.7	92.9	83.8	52.6	21.6	—	74.6	74.8	68.1
Public institutions	66.3	97.0	87.3	18.2	9.8	2.0	71.6	73.0	54.6
4-year	64.7	97.7	87.7	13.4	4.2	1.3	16.8	72.6	48.8
University	68.1	98.0	91.6	5.4	2.6	1.0	1.3	75.7	49.4
Other 4-year	62.3	97.4	84.9	18.0	4.8	1.6	23.8	70.1	48.5
2-year	71.7	92.8	84.0	52.9	21.7	14.9	74.6	74.8	68.2
Private institutions	58.0	93.3	75.8	10.5	2.0	1.4	43.7	65.0	44.8
4-year	57.9	93.3	75.8	10.5	1.9	1.4	26.9	64.9	44.6
University	62.3	95.5	80.3	5.1	1.1	0.5	0.7	69.4	44.6
Other 4-year	55.6	91.8	73.8	12.5	2.1	2.7	41.8	62.3	44.6
2-year	69.1	100.0	67.1	17.1	11.3	—	74.6	73.9	60.2

—Not available.

NOTE: Data for 1980–81 and 1990–91 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Faculty Salaries, Tenure, and Fringe Benefits;" and Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty" surveys. (This table was prepared August 2000.)

Table 244.—Degree-granting institutions, by control and type of institution: 1949–50 to 2000–01

Year	All institutions			Public			Private		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
	Institutions of higher education[1]								
Excluding branch campuses									
1949–50	1,851	1,327	524	641	344	297	1,210	983	227
1950–51	1,852	1,312	540	636	341	295	1,216	971	245
1951–52	1,832	1,326	506	641	350	291	1,191	976	215
1953–54	1,863	1,345	518	662	369	293	1,201	976	225
1955–56	1,850	1,347	503	650	360	290	1,200	987	213
1956–57	1,878	1,355	523	656	359	297	1,222	996	226
1957–58	1,930	1,390	540	666	366	300	1,264	1,024	240
1958–59	1,947	1,394	553	673	366	307	1,274	1,028	246
1959–60	2,004	1,422	582	695	367	328	1,309	1,055	254
1960–61	2,021	1,431	590	700	368	332	1,321	1,063	258
1961–62	2,033	1,443	590	718	374	344	1,315	1,069	246
1962–63	2,093	1,468	625	740	376	364	1,353	1,092	261
1963–64	2,132	1,499	633	760	386	374	1,372	1,113	259
1964–65	2,175	1,521	654	799	393	406	1,376	1,128	248
1965–66	2,230	1,551	679	821	401	420	1,409	1,150	259
1966–67	2,329	1,577	752	880	403	477	1,449	1,174	275
1967–68	2,374	1,588	786	934	414	520	1,440	1,174	266
1968–69	2,483	1,619	864	1,011	417	594	1,472	1,202	270
1969–70	2,525	1,639	886	1,060	426	634	1,465	1,213	252
1970–71	2,556	1,665	891	1,089	435	654	1,467	1,230	237
1971–72	2,606	1,675	931	1,137	440	697	1,469	1,235	234
1972–73	2,665	1,701	964	1,182	449	733	1,483	1,252	231
1973–74	2,720	1,717	1,003	1,200	440	760	1,520	1,277	243
1974–75	2,747	1,744	1,003	1,214	447	767	1,533	1,297	236
1975–76	2,765	1,767	998	1,219	447	772	1,546	1,320	226
1976–77	2,785	1,783	1,002	1,231	452	779	1,554	1,331	223
1977–78	2,826	1,808	1,018	1,241	454	787	1,585	1,354	231
1978–79	2,954	1,843	1,111	1,308	463	845	1,646	1,380	266
1979–80	2,975	1,863	1,112	1,310	464	846	1,665	1,399	266
1980–81	3,056	1,861	1,195	1,334	465	869	1,722	1,396	[2]326
1981–82	3,083	1,883	1,200	1,340	471	869	1,743	1,412	[2]331
1982–83	3,111	1,887	1,224	1,336	472	864	1,775	1,415	[2]360
1983–84	3,117	1,914	1,203	1,325	474	851	1,792	1,440	352
1984–85	3,146	1,911	1,235	1,329	461	868	1,817	1,450	367
1985–86	3,155	1,915	1,240	1,326	461	865	1,829	1,454	375
Including branch campuses									
1974–75	3,004	1,866	1,138	1,433	537	896	1,571	1,329	242
1975–76	3,026	1,898	1,128	1,442	545	897	1,584	1,353	231
1976–77	3,046	1,913	1,133	1,455	550	905	1,591	1,363	228
1977–78	3,095	1,938	1,157	1,473	552	921	1,622	1,386	236
1978–79	3,134	1,941	1,193	1,474	550	924	1,660	1,391	269
1979–80	3,152	1,957	1,195	1,475	549	926	1,677	1,408	269
1980–81	3,231	1,957	1,274	1,497	552	945	1,734	1,405	[2]329
1981–82	3,253	1,979	1,274	1,498	558	940	1,755	1,421	[2]334
1982–83	3,280	1,984	1,296	1,493	560	933	1,787	1,424	[2]363
1983–84	3,284	2,013	1,271	1,481	565	916	1,803	1,448	355
1984–85	3,331	2,025	1,306	1,501	566	935	1,830	1,459	371
1985–86	3,340	2,029	1,311	1,498	566	932	1,842	1,463	379
1986–87[3]	3,406	2,070	1,336	1,533	573	960	1,873	1,497	376
1987–88[3]	3,587	2,135	1,452	1,591	599	992	1,996	1,536	460
1988–89[3]	3,565	2,129	1,436	1,582	598	984	1,983	1,531	452
1989–90[3]	3,535	2,127	1,408	1,563	595	968	1,972	1,532	440
1990–91[3]	3,559	2,141	1,418	1,567	595	972	1,992	1,546	446
1991–92[3]	3,601	2,157	1,444	1,598	599	999	2,003	1,558	445
1992–93[3]	3,638	2,169	1,469	1,624	600	1,024	2,014	1,569	445
1993–94[3]	3,632	2,190	1,442	1,625	604	1,021	2,007	1,586	421
1994–95[3]	3,688	2,215	1,473	1,641	605	1,036	2,047	1,610	437
1995–96[3]	3,706	2,244	1,462	1,655	608	1,047	2,051	1,636	415
	Title IV eligible degree-granting institutions								
1996–97	4,009	2,267	1,742	1,702	614	1,088	2,307	1,653	654
1997–98	4,064	2,309	1,755	1,707	615	1,092	2,357	1,694	663
1998–99[4]	4,048	2,335	1,713	1,681	612	1,069	2,367	1,723	644
1999–2000	4,084	2,363	1,721	1,682	614	1,068	2,402	1,749	653
2000–01	4,182	2,450	1,732	1,698	622	1,076	2,484	1,828	656

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

[3] Because of revised survey procedures, data are not entirely comparable with figures for earlier years. The number of branch campuses reporting separately has increased since 1986–87.

[4] Data revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Education Directory, Colleges and Universities;* and Higher Education General Information Survey (HEGIS), "Fall Enrollment in Higher Education" and "Institutional Characteristics of Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics" surveys. (This table was prepared August 2001.)

Table 245.—Degree-granting institutions and branches, by type, control of institution, and state: 2000–01

State or other area	Total	All public institutions	Public, 4-year institutions						Public 2-year	All private institutions	Private 4-year institutions						Private 2-year
			Total	Doctor's extensive[1]	Doctor's intensive[2]	Master's[3]	Baccalaureate[4]	Other 4-year[5]			Total	Doctor's extensive[1]	Doctor's intensive[2]	Master's[3]	Baccalaureate[4]	Other 4-year[5]	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
United States	**4,182**	**1,698**	**622**	**102**	**64**	**276**	**115**	**65**	**1,076**	**2,484**	**1,828**	**49**	**48**	**364**	**632**	**735**	**656**
Alabama	76	47	18	3	3	11	1	0	29	29	22	0	0	4	14	4	7
Alaska	9	5	3	0	1	2	0	0	2	4	3	0	0	1	1	1	1
Arizona	75	25	5	2	1	1	0	1	20	50	26	0	0	6	2	18	24
Arkansas	47	33	11	1	1	5	3	1	22	14	10	0	0	1	8	1	4
California	419	143	32	8	2	19	1	2	111	276	199	4	8	35	37	115	77
Colorado	74	28	13	2	2	3	4	2	15	46	30	1	0	4	10	15	16
Connecticut	46	22	10	1	0	4	1	4	12	24	20	1	2	5	6	6	4
Delaware	10	5	2	1	0	1	0	0	3	5	4	0	1	1	1	1	1
District of Columbia	17	2	2	0	0	1	0	1	0	15	15	5	0	5	1	4	0
Florida	164	39	11	4	2	4	0	1	28	125	83	1	3	15	26	38	42
Georgia	125	72	21	3	0	13	3	2	51	53	46	1	2	3	20	20	7
Hawaii	21	10	3	1	0	0	2	0	7	11	8	0	0	2	1	5	3
Idaho	14	7	4	1	1	1	1	0	3	7	4	0	0	1	1	2	3
Illinois	181	60	12	4	1	7	0	0	48	121	103	3	3	15	29	53	18
Indiana	98	28	14	2	3	6	3	0	14	70	46	1	0	8	26	11	24
Iowa	64	18	3	2	0	1	0	0	15	46	40	0	0	6	24	10	6
Kansas	59	32	9	2	1	4	0	2	23	27	22	0	0	8	11	3	5
Kentucky	69	26	8	2	0	6	0	0	18	43	27	0	0	4	16	7	16
Louisiana	85	60	14	1	3	9	0	1	46	25	13	1	0	3	3	6	12
Maine	33	15	8	1	0	1	5	1	7	18	13	0	1	3	6	3	5
Maryland	57	29	13	2	1	9	1	0	16	28	26	1	0	4	7	14	2
Massachusetts	117	31	15	1	2	7	1	4	16	86	77	7	2	15	23	30	9
Michigan	108	44	15	4	3	8	0	0	29	64	61	0	1	9	23	28	3
Minnesota	113	52	11	1	0	7	3	0	41	61	41	0	3	6	16	16	20
Mississippi	42	26	9	3	1	3	1	1	17	16	12	0	0	2	6	4	4
Missouri	116	31	13	1	3	6	2	1	18	85	63	2	0	10	16	35	22
Montana	24	17	6	0	2	2	1	1	11	7	5	0	0	1	3	1	2
Nebraska	38	14	7	1	0	5	0	1	7	24	15	0	0	4	8	3	9
Nevada	15	6	3	1	1	0	1	0	3	9	4	0	0	0	3	1	5
New Hampshire	25	9	5	1	0	2	2	0	4	16	15	0	2	2	7	4	1
New Jersey	58	33	14	1	2	8	2	1	19	25	21	1	2	5	7	6	4
New Mexico	44	27	6	2	1	3	0	0	21	17	14	0	0	3	3	8	3
New York	325	89	45	5	1	21	11	7	44	236	179	9	8	35	42	85	57
North Carolina	120	75	16	2	2	8	3	1	59	45	42	1	1	7	26	7	3
North Dakota	21	15	6	0	2	1	3	0	9	6	4	0	0	1	1	2	2
Ohio	175	61	24	5	5	1	11	2	37	114	70	1	2	15	27	25	44
Oklahoma	50	29	15	2	0	7	4	2	14	21	19	0	1	3	9	6	2
Oregon	56	25	8	2	1	3	0	2	17	31	28	0	0	5	10	13	3
Pennsylvania	263	67	46	3	2	19	20	2	21	196	105	3	4	29	38	31	91
Rhode Island	13	3	2	1	0	1	0	0	1	10	10	1	0	3	2	4	0
South Carolina	62	33	12	2	1	5	3	1	21	29	23	0	0	3	15	5	6
South Dakota	25	14	9	0	2	1	2	4	5	11	10	0	0	3	4	3	1
Tennessee	87	24	10	2	3	4	0	1	14	63	48	1	0	11	20	16	15
Texas	201	109	42	6	6	20	3	7	67	92	60	2	2	14	21	21	32
Utah	24	10	6	2	0	2	2	0	4	14	7	1	0	2	2	2	7
Vermont	25	6	5	1	0	2	1	1	1	19	17	0	0	6	9	2	2
Virginia	96	39	15	4	2	5	4	0	24	57	46	0	0	15	20	11	11
Washington	79	45	11	2	0	5	1	3	34	34	28	0	0	11	3	14	6
West Virginia	36	15	12	1	0	1	9	1	3	21	10	0	0	2	6	2	11
Wisconsin	68	31	13	2	0	11	0	0	18	37	34	1	0	8	12	13	3
Wyoming	9	8	1	1	0	0	0	0	7	1	0	0	0	0	0	0	1
U.S. Service Schools	4	4	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0
Outlying areas	83	31	16	0	1	4	8	3	15	52	38	0	0	7	15	16	14
American Samoa	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Federated States of Micronesia	4	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
Guam	2	2	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Marshall Islands	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Northern Marianas	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Palau	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Puerto Rico	70	18	13	0	1	1	8	3	5	52	38	0	0	7	15	16	14
Virgin Islands	2	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0

[1] Doctoral, extensive institutions are committed to graduate education through the doctorate, and award 50 or more doctoral degrees per year across at least 15 disciplines.

[2] Doctoral, intensive institutions are committed to education through the doctorate and award at least 10 doctoral degrees per year across 3 or more disciplines or at least 20 doctoral degrees overall.

[3] Master's institutions offer a full range of baccalaureate programs and are committed to education through the master's degree. They award at least 40 master's degrees per year, across 3 or more disciplines.

[4] Baccalaureate institutions primarily emphasize undergraduate education.

[5] Other specialized 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology and engineering. Also, includes some institutions which have 4-year programs, but have not reported sufficient data to identify program category.

NOTE: New institutions which do not have sufficient data to report by detailed level are included under "other 4-year" or 2-year depending on the level reported by the institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics, 2000–01" survey. (This table was prepared August 2001.)

Table 246.—Degree-granting institutions that have closed their doors, by control and type of institution: 1960–61 to 2000–01

Year	All institutions			Public			Private		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
Excluding branch campuses: Total, 1960–61 to 1991–92	**343**	**179**	**164**	**38**	**1**	**37**	**305**	**178**	**127**
1960–61	8	1	7	1	—	1	7	1	6
1961–62	2	1	1	—	—	—	2	1	1
1962–63	—	—	—	—	—	—	—	—	—
1963–64	7	1	6	1	—	1	6	1	5
1964–65	8	1	7	4	—	4	4	1	3
1965–66	8	2	6	4	—	4	4	2	2
1966–67	9	2	7	3	—	3	6	2	4
1967–68	14	6	8	—	—	—	14	6	8
1968–69	21	11	10	1	—	1	20	11	9
1969–70	18	8	10	3	—	3	15	8	7
1970–71	32	9	23	9	—	9	23	9	14
1971–72	12	3	9	3	—	3	9	3	6
1972–73	19	12	7	2	—	2	17	12	5
1973–74	18	11	7	—	—	—	18	11	7
1974–75	17	13	4	3	—	3	14	13	1
1975–76	8	6	2	2	1	1	6	5	1
1976–77	8	5	3	—	—	—	8	5	3
1977–78	12	9	3	—	—	—	12	9	3
1978–79	9	4	5	—	—	—	9	4	5
1979–80	6	5	1	—	—	—	6	5	1
1980–81	4	3	1	—	—	—	4	3	1
1981–82	7	6	1	—	—	—	7	6	1
1982–83	7	4	3	—	—	—	7	4	3
1983–84	4	4	—	—	—	—	4	4	—
1984–85	4	4	—	—	—	—	4	4	—
1985–86	10	6	4	1	—	1	9	6	3
1986–87 and 1987–88	25	19	6	1	—	1	24	19	5
1988–89	14	6	8	—	—	—	14	6	8
1989–90	12	6	6	—	—	—	12	6	6
1990–91	10	4	6	—	—	—	10	4	6
1991–92	10	7	3	—	—	—	10	7	3
Including branch campuses: Total, 1969–70 to 2000–01	**502**	**229**	**273**	**45**	**5**	**40**	**457**	**224**	**233**
1969–70	24	10	14	5	1	4	19	9	10
1970–71	35	10	25	11	—	11	24	10	14
1971–72	14	5	9	3	—	3	11	5	6
1972–73	21	12	9	4	—	4	17	12	5
1973–74	20	12	8	1	—	1	19	12	7
1974–75	18	13	5	4	—	4	14	13	1
1975–76	9	7	2	2	1	1	7	6	1
1976–77	9	6	3	—	—	—	9	6	3
1977–78	12	9	3	—	—	—	12	9	3
1978–79	9	4	5	—	—	—	9	4	5
1979–80	6	5	1	—	—	—	6	5	1
1980–81	4	3	1	—	—	—	4	3	1
1981–82	7	6	1	—	—	—	7	6	1
1982–83	7	4	3	—	—	—	7	4	3
1983–84	5	5	—	1	1	—	4	4	—
1984–85	4	4	—	—	—	—	4	4	—
1985–86	12	8	4	1	1	—	11	7	4
1986–87 and 1987–88	26	19	7	1	—	1	25	19	6
1988–89	14	6	8	—	—	—	14	6	8
1989–90	19	8	11	—	—	—	19	8	11
1990–91	18	6	12	—	—	—	18	6	12
1991–92	26	8	18	1	—	1	25	8	17
1992–93	24	6	18	—	—	—	24	6	18
1993–94	38	10	28	1	—	1	37	10	27
1994–95	15	8	7	2	—	2	13	8	5
1995–96	21	8	13	1	1	—	20	7	13
1996–97	36	13	23	2	—	2	34	13	21
1997–98	5	—	5	—	—	—	5	—	5
1998–99	14	2	12	2	—	2	12	2	10
1999–2000	16	3	13	3	—	3	13	3	10
2000–01	14	9	5	—	—	—	14	9	5

—Not available or not applicable.

NOTE: This table indicates the year in which the institution closed. Data for 1960–61 to 1995–96 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Some data revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Education Directory, Higher Education, 1960–61* to *1974–75; Education Directory, Colleges and Universities, 1975–76* to *1983–84; 1982–83 Supplement to the Education Directory, Colleges and Universities;* and Integrated Postsecondary Education Data System, "Institutional Characteristics" surveys, unpublished data. (This table was prepared August 2001.)

Table 247.—Earned degrees conferred by degree-granting institutions, by level of degree and sex of student: 1869–70 to 2010–11

Year	Associate degrees			Bachelor's degrees			Master's degrees			First-professional degrees			Doctor's degrees[1]		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1869–70	—	—	—	[2]9,371	[2]7,993	[2]1,378	0	0	0	(3)	(3)	(3)	1	1	0
1879–80	—	—	—	[2]12,896	[2]10,411	[2]2,485	879	868	11	(3)	(3)	(3)	54	51	3
1889–90	—	—	—	[2]15,539	[2]12,857	[2]2,682	1,015	821	194	(3)	(3)	(3)	149	147	2
1899–1900	—	—	—	[2]27,410	[2]22,173	[2]5,237	1,583	1,280	303	(3)	(3)	(3)	382	359	23
1909–10	—	—	—	[2]37,199	[2]28,762	[2]8,437	2,113	1,555	558	(3)	(3)	(3)	443	399	44
1919–20	—	—	—	[2]48,622	[2]31,980	[2]16,642	4,279	2,985	1,294	(3)	(3)	(3)	615	522	93
1929–30	—	—	—	[2]122,484	[2]73,615	[2]48,869	14,969	8,925	6,044	(3)	(3)	(3)	2,299	1,946	353
1939–40	—	—	—	[2]186,500	[2]109,546	[2]76,954	26,731	16,508	10,223	(3)	(3)	(3)	3,290	2,861	429
1949–50	—	—	—	[2]432,058	[2]328,841	[2]103,217	58,183	41,220	16,963	(3)	(3)	(3)	6,420	5,804	616
1959–60	—	—	—	[2]392,440	[2]254,063	[2]138,377	74,435	50,898	23,537	(3)	(3)	(3)	9,829	8,801	1,028
1960–61	—	—	—	365,174	224,538	140,636	84,609	57,830	26,779	25,253	24,577	676	10,575	9,463	1,112
1961–62	—	—	—	383,961	230,456	153,505	91,418	62,603	28,815	25,607	24,836	771	11,622	10,377	1,245
1962–63	—	—	—	411,420	241,309	170,111	98,684	67,302	31,382	26,590	25,753	837	12,822	11,448	1,374
1963–64	—	—	—	461,266	265,349	195,917	109,183	73,850	35,333	27,209	26,357	852	14,490	12,955	1,535
1964–65	—	—	—	493,757	282,173	211,584	121,167	81,319	39,848	28,290	27,283	1,007	16,467	14,692	1,775
1965–66	111,607	63,779	47,828	520,115	299,287	220,828	140,602	93,081	47,521	30,124	28,982	1,142	18,237	16,121	2,116
1966–67	139,183	78,356	60,827	558,534	322,711	235,823	157,726	103,109	54,617	31,695	30,401	1,294	20,617	18,163	2,454
1967–68	159,441	90,317	69,124	632,289	357,682	274,607	176,749	113,552	63,197	33,939	32,402	1,537	23,089	20,183	2,906
1968–69	183,279	105,661	77,618	728,845	410,595	318,250	193,756	121,531	72,225	35,114	33,595	1,519	26,158	22,722	3,436
1969–70	206,023	117,432	88,591	792,316	451,097	341,219	208,291	125,624	82,667	34,918	33,077	1,841	29,866	25,890	3,976
1970–71	252,311	144,144	108,167	839,730	475,594	364,136	230,509	138,146	92,363	37,946	35,544	2,402	32,107	27,530	4,577
1971–72	292,014	166,227	125,787	887,273	500,590	386,683	251,633	149,550	102,083	43,411	40,723	2,688	33,363	28,090	5,273
1972–73	316,174	175,413	140,761	922,362	518,191	404,171	263,371	154,468	108,903	50,018	46,489	3,529	34,777	28,571	6,206
1973–74	343,924	188,591	155,333	945,776	527,313	418,463	277,033	157,842	119,191	53,816	48,530	5,286	33,816	27,365	6,451
1974–75	360,171	191,017	169,154	922,933	504,841	418,092	292,450	161,570	130,880	55,916	48,956	6,960	34,083	26,817	7,266
1975–76	391,454	209,996	181,458	925,746	504,925	420,821	311,771	167,248	144,523	62,649	52,892	9,757	34,064	26,267	7,797
1976–77	406,377	210,842	195,535	919,549	495,545	424,004	317,164	167,783	149,381	64,359	52,374	11,985	33,232	25,142	8,090
1977–78	412,246	204,718	207,528	921,204	487,347	433,857	311,620	161,212	150,408	66,581	52,270	14,311	32,131	23,658	8,473
1978–79	402,702	192,091	210,611	921,390	477,344	444,046	301,079	153,370	147,709	68,848	52,652	16,196	32,730	23,541	9,189
1979–80	400,910	183,737	217,173	929,417	473,611	455,806	298,081	150,749	147,332	70,131	52,716	17,415	32,615	22,943	9,672
1980–81	416,377	188,638	227,739	935,140	469,883	465,257	295,739	147,043	148,696	71,956	52,792	19,164	32,958	22,711	10,247
1981–82	434,526	196,944	237,582	952,998	473,364	479,634	295,546	145,532	150,014	72,032	52,223	19,809	32,707	22,224	10,483
1982–83	449,620	203,991	245,629	969,510	479,140	490,370	289,921	144,697	145,224	73,054	51,250	21,804	32,775	21,902	10,873
1983–84	452,240	202,704	249,536	974,309	482,319	491,990	284,263	143,595	140,668	74,468	51,378	23,090	33,209	22,064	11,145
1984–85	454,712	202,932	251,780	979,477	482,528	496,949	286,251	143,390	142,861	75,063	50,455	24,608	32,943	21,700	11,243
1985–86	446,047	196,166	249,881	987,823	485,923	501,900	288,567	143,508	145,059	73,910	49,261	24,649	33,653	21,819	11,834
1986–87	436,304	190,839	245,465	991,264	480,782	510,482	289,349	141,269	148,080	71,617	46,523	25,094	34,041	22,061	11,980
1987–88	435,085	190,047	245,038	994,829	477,203	517,626	299,317	145,163	154,154	70,735	45,484	25,251	34,870	22,615	12,255
1988–89	436,764	186,316	250,448	1,018,755	483,346	535,409	310,621	149,354	161,267	70,856	45,046	25,810	35,720	22,648	13,072
1989–90	455,102	191,195	263,907	1,051,344	491,696	559,648	324,301	153,653	170,648	70,988	43,961	27,027	38,371	24,401	13,970
1990–91	481,720	198,634	283,086	1,094,538	504,045	590,493	337,168	156,482	180,686	71,948	43,846	28,102	39,294	24,756	14,538
1991–92	504,231	207,481	296,750	1,136,553	520,811	615,742	352,838	161,842	190,996	74,146	45,071	29,075	40,659	25,557	15,102
1992–93	514,756	211,964	302,792	1,165,178	532,881	632,297	369,585	169,258	200,327	75,387	45,153	30,234	42,132	26,073	16,059
1993–94	530,632	215,261	315,371	1,169,275	532,422	636,853	387,070	176,085	210,985	75,418	44,707	30,711	43,185	26,552	16,633
1994–95	539,691	218,352	321,339	1,160,134	526,131	634,003	397,629	178,598	219,031	75,800	44,853	30,947	44,446	26,916	17,530
1995–96	555,216	219,514	335,702	1,164,792	522,454	642,338	406,301	179,081	227,220	76,734	44,748	31,986	44,652	26,841	17,811
1996–97	571,226	223,948	347,278	1,172,879	520,515	652,364	419,401	180,947	238,454	78,730	45,564	33,166	45,876	27,146	18,730
1997–98	558,555	217,613	340,942	1,184,406	519,956	664,450	430,164	184,375	245,789	78,598	44,911	33,687	46,010	26,664	19,346
1998–99	559,954	218,417	341,537	1,200,303	518,746	681,557	439,986	186,148	253,838	78,439	44,339	34,100	44,077	25,146	18,931
1999–2000	564,933	224,721	340,212	1,237,875	530,367	707,508	457,056	191,792	265,264	80,057	44,239	35,818	44,808	25,028	19,780
2000–01[4]	562,000	214,000	348,000	1,209,000	524,000	685,000	428,000	178,000	250,000	81,900	44,700	37,200	46,700	26,900	19,800
2001–02[4]	569,000	216,000	353,000	1,227,000	529,000	698,000	432,000	179,000	253,000	80,400	44,000	36,400	46,500	26,500	20,000
2002–03[4]	574,000	217,000	357,000	1,241,000	527,000	714,000	436,000	180,000	256,000	80,400	43,600	36,800	46,700	26,600	20,100
2003–04[4]	582,000	218,000	364,000	1,251,000	535,000	716,000	442,000	181,000	261,000	81,300	43,900	37,400	47,100	26,700	20,400
2004–05[4]	587,000	219,000	368,000	1,275,000	538,000	737,000	448,000	182,000	266,000	82,300	44,100	38,200	47,500	26,900	20,600
2005–06[4]	594,000	220,000	374,000	1,294,000	544,000	750,000	453,000	183,000	270,000	83,500	44,400	39,100	47,800	27,000	20,800
2006–07[4]	600,000	221,000	379,000	1,318,000	549,000	769,000	458,000	184,000	274,000	84,700	44,900	39,800	48,100	27,100	21,000
2007–08[4]	605,000	222,000	383,000	1,337,000	553,000	784,000	464,000	186,000	278,000	85,700	45,200	40,500	48,400	27,200	21,200
2008–09[4]	611,000	223,000	388,000	1,355,000	558,000	797,000	468,000	187,000	281,000	86,500	45,400	41,100	48,700	27,400	21,300
2009–10[4]	617,000	224,000	393,000	1,373,000	562,000	811,000	472,000	188,000	284,000	87,500	45,800	41,700	48,800	27,500	21,300
2010–11[4]	625,000	226,000	399,000	1,392,000	568,000	824,000	477,000	190,000	287,000	88,300	46,100	42,200	49,100	27,600	21,500

—Not available.

[1] Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional, such as M.D., D.D.S., and law degrees.

[2] Includes first-professional degrees.

[3] First-professional degrees are included with bachelor's degrees.

[4] Projected.

NOTE: Data for 1869–70 to 1994–95 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.) Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred; Projections of Education Statistics to 2011;* Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 248.—Degrees awarded by degree-granting institutions, by control, level of degree, and state: 1999–2000

State or other area	Public					Private				
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	First-professional degrees [1]	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	First-professional degrees [1]
1	2	3	4	5	6	7	8	9	10	11
United States	**448,446**	**810,855**	**243,157**	**28,408**	**32,247**	**116,487**	**427,020**	**213,899**	**16,400**	**47,810**
Alabama	7,017	17,856	7,435	519	620	1,748	3,437	586	15	465
Alaska	767	1,244	443	20	0	128	120	74	0	0
Arizona	7,078	15,848	5,605	743	466	3,580	5,017	4,629	21	150
Arkansas	3,638	7,438	2,266	134	494	247	1,967	111	0	0
California	65,938	88,344	20,006	2,769	2,201	12,422	33,202	24,251	2,711	6,509
Colorado	4,945	17,347	5,076	638	513	2,775	4,195	3,332	158	353
Connecticut	3,355	7,503	3,289	275	339	943	7,569	4,675	392	612
Delaware	936	3,736	814	164	0	183	929	636	17	315
District of Columbia	148	354	58	0	37	259	6,452	7,020	603	2,565
Florida	35,348	35,435	9,807	1,115	1,237	9,200	15,898	8,094	1,059	1,907
Georgia	6,163	20,271	7,083	721	767	1,640	8,948	3,327	311	1,670
Hawaii	2,302	3,112	1,040	153	128	964	1,979	684	18	3
Idaho	1,466	4,314	1,043	105	174	3,574	397	84	0	0
Illinois	22,646	30,469	10,075	1,066	1,115	3,915	24,567	16,503	1,432	3,355
Indiana	7,589	21,167	5,814	1,048	1,039	3,585	10,803	2,656	167	499
Iowa	8,313	10,282	2,488	563	649	1,054	8,468	1,358	6	920
Kansas	6,575	11,175	3,857	418	663	713	3,059	1,051	0	22
Kentucky	4,528	11,962	3,985	325	791	1,964	3,681	810	102	321
Louisiana	4,350	16,600	4,235	460	654	1,223	3,244	1,647	152	874
Maine	1,627	3,216	756	49	87	581	2,456	439	0	128
Maryland	7,015	16,046	5,550	592	870	423	5,090	5,137	385	179
Massachusetts	7,487	12,718	3,994	380	100	3,193	29,590	20,825	1,903	3,848
Michigan	15,596	34,551	15,315	1,438	1,444	3,255	11,203	5,002	58	910
Minnesota	8,519	14,190	4,446	604	708	2,511	8,985	3,351	263	827
Mississippi	6,632	9,204	2,639	347	385	132	1,784	624	0	121
Missouri	6,775	16,164	4,077	402	706	3,828	13,871	8,937	389	1,867
Montana	1,306	4,474	907	65	70	256	697	44	0	0
Nebraska	3,385	7,157	2,290	292	348	508	3,590	608	71	446
Nevada	1,730	4,004	1,160	115	53	258	241	293	0	0
New Hampshire	1,678	4,127	765	49	0	1,360	3,649	1,673	67	183
New Jersey	10,398	19,764	5,673	548	944	1,702	7,175	3,665	453	600
New Mexico	3,539	5,678	1,978	271	226	244	1,049	688	0	0
New York	38,709	41,761	13,359	1,289	1,193	11,555	52,656	34,196	2,494	6,334
North Carolina	12,640	23,617	6,932	872	842	865	11,640	2,704	280	1,109
North Dakota	1,939	4,104	692	58	191	112	773	171	0	0
Ohio	15,425	32,018	10,734	1,559	1,922	3,968	17,831	6,147	565	1,275
Oklahoma	6,193	12,525	4,130	369	614	215	3,053	1,229	68	387
Oregon	5,618	10,269	3,138	365	376	832	4,159	1,659	57	671
Pennsylvania	11,789	32,600	8,759	1,189	1,544	12,561	33,673	13,229	1,045	2,686
Rhode Island	1,185	2,857	788	89	64	2,365	5,545	1,076	169	201
South Carolina	5,803	11,833	4,054	414	593	993	4,200	479	15	260
South Dakota	1,520	3,478	757	77	171	313	1,016	127	1	24
Tennessee	6,011	14,610	5,143	496	779	1,697	8,348	2,677	228	739
Texas	25,665	58,528	18,439	2,244	2,879	5,151	17,306	6,317	449	2,409
Utah	6,977	9,218	1,843	286	240	890	7,840	1,615	64	142
Vermont	741	2,548	386	58	93	853	2,284	1,067	7	140
Virginia	8,954	25,021	8,667	1,037	1,325	2,545	8,578	2,482	85	856
Washington	17,978	18,211	4,008	604	588	1,290	5,791	3,428	43	487
West Virginia	2,119	7,072	2,303	134	376	930	1,473	162	0	0
Wisconsin	8,852	20,001	4,679	807	510	529	7,542	2,320	77	441
Wyoming	1,539	1,797	377	73	119	455	0	0	0	0
U.S. Service Schools [2]	0	3,037	0	0	0	0	0	0	0	0
Outlying areas	4,487	7,930	845	60	261	4,076	8,813	2,241	79	569
American Samoa	148	0	0	0	0	0	0	0	0	0
Federated States of Micronesia	84	0	0	0	0	0	0	0	0	0
Guam	88	365	99	0	0	0	0	0	0	0
Marshall Islands	55	0	0	0	0	0	0	0	0	0
Northern Marianas	84	0	0	0	0	0	0	0	0	0
Palau	41	0	0	0	0	0	0	0	0	0
Puerto Rico	3,917	7,351	717	60	261	4,076	8,813	2,241	79	569
Virgin Islands	70	214	29	0	0	0	0	0	0	0

[1] Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training). See Definitions for details. Some data have been revised from previously published figures.

[2] Excludes Uniformed Services University of the Health Sciences, National Defense University, Air Force Institute of Technology, Community College of the Air Force, Naval Postgraduate School, Joint Military Intelligence College, and the U.S. Army Command and General Staff College.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared August 2001.)

Table 249.—Degrees awarded by degree-granting institutions, by control, level of degree, and state: 1998–99

State or other area	Public					Private				
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	First-professional degrees [1]	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	First-professional degrees [1]
1	2	3	4	5	6	7	8	9	10	11
United States	**448,334**	**790,287**	**238,501**	**28,134**	**31,693**	**111,620**	**410,016**	**201,485**	**15,943**	**46,746**
Alabama	7,035	17,182	6,075	484	613	1,021	3,265	530	27	490
Alaska	846	1,271	422	27	0	146	98	58	0	0
Arizona	6,832	15,413	5,457	741	461	3,856	3,569	4,226	37	0
Arkansas	3,172	7,436	2,184	125	471	133	1,812	87	0	0
California	65,950	85,977	19,967	2,669	2,230	11,476	30,364	22,733	2,739	6,324
Colorado	5,061	16,759	5,124	709	512	2,876	3,965	2,955	136	411
Connecticut	3,642	6,445	2,741	227	296	903	7,530	4,629	361	590
Delaware	884	3,661	906	144	0	147	893	601	22	322
District of Columbia	129	397	50	0	43	293	6,628	6,747	522	2,587
Florida	36,898	34,529	9,764	1,064	1,141	9,169	15,002	7,349	910	1,717
Georgia	6,490	20,825	7,609	771	774	1,789	8,090	2,977	285	1,662
Hawaii	2,242	3,080	1,035	158	127	1,216	1,722	710	6	1
Idaho	1,503	4,324	1,063	85	154	3,891	338	75	0	0
Illinois	22,720	29,537	9,845	1,155	1,163	3,388	23,643	15,998	1,469	3,363
Indiana	7,109	20,286	5,539	966	992	3,403	10,452	2,117	146	479
Iowa	8,398	9,804	2,507	574	606	905	8,449	1,191	13	942
Kansas	6,163	11,114	4,009	436	663	483	2,948	879	0	13
Kentucky	4,552	12,012	4,090	282	817	1,986	3,504	778	106	345
Louisiana	4,531	15,610	4,383	401	644	1,169	3,157	1,516	161	920
Maine	1,493	3,139	739	38	96	644	2,442	419	0	97
Maryland	7,297	16,436	5,602	623	937	421	4,512	5,026	377	207
Massachusetts	7,299	12,140	3,474	346	95	3,569	29,101	20,556	1,935	3,706
Michigan	18,361	32,809	14,711	1,371	1,433	3,370	11,480	3,788	60	1,030
Minnesota	8,407	14,711	4,097	658	672	2,070	8,454	3,261	233	852
Mississippi	6,403	9,013	2,805	351	436	163	1,737	643	0	147
Missouri	6,677	15,937	4,150	369	737	3,679	13,064	8,487	361	1,827
Montana	1,191	4,346	839	83	80	297	609	49	0	0
Nebraska	3,031	6,712	2,404	283	329	548	3,312	549	71	446
Nevada	1,629	3,781	1,144	88	52	224	196	188	0	0
New Hampshire	1,696	3,920	745	48	0	1,217	3,533	1,669	92	208
New Jersey	10,699	18,735	5,597	534	971	1,520	6,839	3,651	418	569
New Mexico	3,355	5,719	2,068	279	167	232	843	469	0	0
New York	38,913	41,119	13,272	1,245	1,196	11,431	50,923	32,982	2,512	6,372
North Carolina	12,029	22,922	6,504	834	814	922	11,707	2,415	289	1,117
North Dakota	1,759	4,084	697	68	176	100	646	119	0	0
Ohio	15,854	31,951	11,013	1,521	1,978	3,543	17,785	5,784	482	1,279
Oklahoma	6,289	12,861	3,794	343	518	157	2,895	1,005	60	393
Oregon	5,264	9,846	2,802	371	356	422	4,022	1,612	57	576
Pennsylvania	11,419	31,314	8,677	1,251	1,381	12,014	32,672	12,232	961	2,693
Rhode Island	1,265	2,958	797	86	27	2,326	5,438	1,145	170	198
South Carolina	5,725	11,600	4,180	427	584	813	4,164	473	17	210
South Dakota	1,328	3,347	838	63	166	367	899	142	2	22
Tennessee	5,842	13,935	4,829	466	740	1,658	8,053	2,345	212	676
Texas	24,579	57,287	17,718	2,363	2,910	4,082	16,289	5,516	345	2,053
Utah	6,719	9,608	1,976	277	209	724	7,992	1,527	99	153
Vermont	710	2,458	386	50	94	836	2,305	1,015	2	161
Virginia	9,122	22,810	8,598	1,017	1,254	2,848	8,157	2,357	107	691
Washington	17,466	17,663	3,747	663	566	1,285	5,393	3,572	48	472
West Virginia	2,156	6,966	2,268	139	391	819	1,520	173	0	0
Wisconsin	8,570	19,740	4,864	798	555	663	7,605	2,160	93	425
Wyoming	1,630	1,784	396	63	66	406	0	0	0	0
U.S. Service Schools [2]	0	2,974	0	0	0	0	0	0	0	0
Outlying areas	1,600	7,452	776	76	310	4,028	7,928	1,186	23	331
American Samoa	143	0	0	0	0	0	0	0	0	0
Federated States of Micronesia	7	0	0	0	0	0	0	0	0	0
Guam	79	374	70	0	0	0	0	0	0	0
Marshall Islands	59	0	0	0	0	0	0	0	0	0
Northern Marianas	73	0	0	0	0	0	0	0	0	0
Palau	27	0	0	0	0	0	0	0	0	0
Puerto Rico	1,141	6,837	665	76	310	4,028	7,928	1,186	23	331
Virgin Islands	71	241	41	0	0	0	0	0	0	0

[1] Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training). See Definitions for details.

[2] Excludes Uniformed Services University of the Health Sciences, National Defense University, Air Force Institute of Technology, Community College of the Air Force, Naval Postgraduate School, Joint Military Intelligence College, and the U.S. Army Command and General Staff College.

NOTE: Data imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared August 2001.)

Table 250.—Total bachelor's and master's degrees conferred by degree-granting institutions, by field of study and by state: 1999–2000

State or other area	Total		Humanities[1]		Social and behavioral sciences[2]		Natural sciences[3]		Computer sciences and engineering[4]		Education		Business/management		Other professional fields[5]	
	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees	Bachelor's degrees	Master's degrees
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
United States	**1,237,875**	**457,056**	**209,799**	**35,744**	**201,161**	**28,531**	**93,987**	**14,451**	**108,750**	**40,786**	**108,168**	**124,240**	**257,709**	**112,258**	**258,301**	**101,046**
Alabama	21,293	8,021	1,939	288	2,219	544	1,346	200	2,012	481	3,128	2,599	5,583	1,831	5,066	2,078
Alaska	1,364	517	198	48	185	36	121	19	102	62	193	201	284	64	281	87
Arizona	20,865	10,234	2,710	417	2,400	368	1,181	210	2,002	568	2,423	2,935	5,586	4,107	4,563	1,629
Arkansas	9,405	2,377	963	115	1,096	107	648	92	653	101	1,533	926	2,120	362	2,392	674
California	121,546	44,257	28,967	4,603	25,046	4,409	10,912	1,484	10,431	4,801	3,893	9,382	23,203	10,918	19,094	8,660
Colorado	21,542	8,408	3,614	647	4,210	620	2,040	330	2,101	1,246	120	1,573	5,115	2,536	4,342	1,456
Connecticut	15,072	7,964	3,367	489	3,588	433	1,122	312	763	481	522	2,012	2,355	2,030	3,355	2,207
Delaware	4,665	1,450	414	107	945	90	265	46	309	89	508	474	1,087	427	1,137	217
District of Columbia	6,806	7,078	1,235	606	2,019	971	406	240	495	841	107	634	1,316	1,713	1,228	2,073
Florida	51,333	17,901	5,882	628	6,916	993	2,623	486	4,592	1,535	5,527	4,318	13,075	5,200	12,718	4,741
Georgia	29,219	10,410	3,933	549	4,113	454	2,114	259	3,192	1,221	3,799	3,136	6,820	2,786	5,248	2,005
Hawaii	5,091	1,724	743	151	880	142	387	54	326	170	324	306	1,528	493	903	408
Idaho	4,711	1,127	572	70	557	33	446	59	412	78	790	477	740	129	1,194	281
Illinois	55,036	26,578	10,302	2,061	7,805	1,586	3,992	883	5,238	2,146	6,263	7,071	10,960	7,594	10,476	5,237
Indiana	31,970	8,470	4,590	767	3,871	392	2,029	340	3,601	730	4,164	2,049	6,933	2,316	6,782	1,876
Iowa	18,750	3,846	2,887	426	2,574	152	1,379	169	1,539	334	2,348	836	4,126	979	3,897	950
Kansas	14,234	4,908	1,832	338	1,817	241	1,014	193	1,325	399	1,676	1,290	3,126	1,263	3,444	1,184
Kentucky	15,643	4,795	2,017	313	2,161	220	1,188	134	1,062	302	1,963	2,019	3,093	619	4,159	1,188
Louisiana	19,844	5,882	2,821	626	2,463	276	1,646	230	1,699	410	2,421	1,382	3,934	1,224	4,860	1,734
Maine	5,672	1,195	1,160	56	1,076	28	510	29	338	43	601	475	631	189	1,356	375
Maryland	21,136	10,687	5,184	833	4,159	975	1,848	420	1,943	1,306	1,344	2,441	2,919	2,719	3,739	1,993
Massachusetts	42,308	24,819	7,499	1,592	9,450	1,409	3,501	607	3,778	2,319	1,944	6,797	7,601	5,719	8,535	6,376
Michigan	45,754	20,317	5,945	933	5,771	588	3,037	466	5,477	2,323	4,090	6,137	10,879	5,409	10,555	4,461
Minnesota	23,175	7,797	4,194	544	3,573	330	2,160	153	1,760	541	2,970	2,981	4,194	1,762	4,324	1,486
Mississippi	10,988	3,263	1,069	152	1,173	120	897	142	836	190	1,707	1,468	2,453	592	2,853	599
Missouri	30,035	13,014	3,831	676	3,727	1,287	1,914	248	2,669	648	3,312	3,008	7,736	4,634	6,846	2,513
Montana	5,171	951	844	86	659	79	483	87	549	91	705	235	818	126	1,113	247
Nebraska	10,747	2,898	962	175	1,161	175	829	76	641	163	1,436	838	2,787	451	2,931	1,020
Nevada	4,245	1,453	392	107	543	54	238	32	248	113	689	652	1,217	264	918	231
New Hampshire	7,776	2,438	1,348	121	1,623	93	633	56	512	174	533	634	1,651	924	1,476	436
New Jersey	26,939	9,338	4,285	616	6,097	464	2,450	339	2,575	1,256	2,187	2,518	4,565	2,177	4,780	1,968
New Mexico	6,727	2,666	1,015	236	764	163	509	134	717	204	1,048	787	1,376	629	1,298	513
New York	94,417	47,555	19,131	4,993	18,668	2,923	6,382	1,281	8,100	3,473	8,012	14,751	16,429	8,747	17,695	11,387
North Carolina	35,257	9,636	4,276	829	6,238	466	3,164	456	2,766	768	2,876	1,977	7,287	2,616	8,650	2,524
North Dakota	4,877	863	347	29	426	37	297	37	530	66	719	235	915	151	1,643	308
Ohio	49,849	16,881	7,822	1,827	6,728	962	3,332	600	4,445	1,600	6,087	5,245	10,199	3,720	11,236	2,927
Oklahoma	15,578	5,359	1,947	358	1,647	935	987	139	1,390	484	2,071	1,281	3,905	1,317	3,631	845
Oregon	14,428	4,797	3,180	384	3,172	265	1,060	137	1,043	351	686	1,934	2,499	671	2,788	1,055
Pennsylvania	66,273	21,988	9,506	1,705	10,364	1,124	5,390	610	5,929	2,002	7,411	5,281	14,130	5,795	13,543	5,471
Rhode Island	8,402	1,864	1,274	139	1,319	117	567	84	633	125	654	511	2,196	475	1,759	413
South Carolina	16,033	4,533	2,252	250	2,651	155	1,626	206	986	314	1,729	1,405	3,853	890	2,936	1,313
South Dakota	4,494	884	324	62	570	81	352	27	518	99	695	252	800	122	1,235	241
Tennessee	22,958	7,820	4,711	532	3,531	373	1,610	222	1,685	490	1,407	2,814	4,861	1,731	5,153	1,658
Texas	75,834	24,756	15,672	2,433	9,969	1,350	5,920	919	6,052	2,746	2,917	5,473	18,065	6,965	17,239	4,870
Utah	17,058	3,458	3,008	283	2,617	151	1,201	163	1,610	335	1,875	684	2,947	1,174	3,800	668
Vermont	4,832	1,453	1,310	566	1,091	145	335	35	164	38	281	396	629	89	1,022	184
Virginia	33,599	11,149	6,642	1,016	7,147	821	2,824	361	3,381	1,332	872	3,427	6,777	2,223	5,956	1,969
Washington	24,002	7,436	5,674	432	4,288	388	1,975	253	1,705	466	1,742	2,730	4,313	1,473	4,305	1,694
West Virginia	8,545	2,465	1,472	132	1,108	118	537	73	649	217	959	858	1,583	332	2,237	735
Wisconsin	27,543	6,999	3,282	373	4,139	259	2,102	264	2,352	458	2,589	2,320	6,123	1,540	6,956	1,785
Wyoming	1,797	377	90	25	242	29	165	55	200	56	318	75	255	41	527	96
U.S. Service Schools	3,037	0	1,165	0	605	0	293	0	715	0	0	0	132	0	127	0
Outlying areas	16,743	3,086	597	54	1,209	203	1,759	81	1,496	169	2,395	944	6,008	915	3,279	720
Guam	365	99	22	15	21	0	18	8	11	0	122	32	81	22	90	22
Puerto Rico	16,164	2,958	563	39	1,171	203	1,720	73	1,479	169	2,236	900	5,821	882	3,174	692
Virgin Islands	214	29	12	0	17	0	21	0	6	0	37	12	106	11	15	6

—Not available.

[1] Includes degrees in area and ethnic studies; English language, literature, and letters; foreign languages; liberal/general studies; multi/interdisciplinary studies; philosophy and religion; theology; and visual and performing arts.

[2] Includes psychology and social sciences and history.

[3] Includes biological sciences; physical sciences and science technologies; and mathematics.

[4] Includes computer and information sciences; engineering; and engineering technologies.

[5] Includes agriculture and natural resources; architecture and environmental design; communications and communications technologies; construction trades; consumer and personal services; health sciences; home economics and vocational home economics; law; library and archival sciences; marketing operations/marketing and distribution; mechanics and repairers; military sciences; parks and recreation; protective services; public affairs; and transportation and material moving.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey, 2000. (This table was prepared August 2001.)

Table 251.—Earned degrees conferred by degree-granting institutions, by level of degree and by state: 1998–99 and 1999–2000

State or other area	1998–99					1999–2000				
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	First-professional degrees[1]	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	First-professional degrees[1]
1	2	3	4	5	6	7	8	9	10	11
United States	**559,954**	**1,200,303**	**439,986**	**44,077**	**78,439**	**564,933**	**1,237,875**	**457,056**	**44,808**	**80,057**
Alabama	8,056	20,447	6,605	511	1,103	8,765	21,293	8,021	534	1,085
Alaska	992	1,369	480	27	0	895	1,364	517	20	0
Arizona	10,688	18,982	9,683	778	461	10,658	20,865	10,234	764	616
Arkansas	3,305	9,248	2,271	125	471	3,885	9,405	2,377	134	494
California	77,426	116,341	42,700	5,408	8,554	78,360	121,546	44,257	5,480	8,710
Colorado	7,937	20,724	8,079	845	923	7,720	21,542	8,408	796	866
Connecticut	4,545	13,975	7,370	588	886	4,298	15,072	7,964	667	951
Delaware	1,031	4,554	1,507	166	322	1,119	4,665	1,450	181	315
District of Columbia	422	7,025	6,797	522	2,630	407	6,806	7,078	603	2,602
Florida	46,067	49,531	17,113	1,974	2,858	44,548	51,333	17,901	2,174	3,144
Georgia	8,279	28,915	10,586	1,056	2,436	7,803	29,219	10,410	1,032	2,437
Hawaii	3,458	4,802	1,745	164	128	3,266	5,091	1,724	171	131
Idaho	5,394	4,662	1,138	85	154	5,040	4,711	1,127	105	174
Illinois	26,108	53,180	25,843	2,624	4,526	26,561	55,036	26,578	2,498	4,470
Indiana	10,512	30,738	7,656	1,112	1,471	11,174	31,970	8,470	1,215	1,538
Iowa	9,303	18,253	3,698	587	1,548	9,367	18,750	3,846	569	1,569
Kansas	6,646	14,062	4,888	436	676	7,288	14,234	4,908	418	685
Kentucky	6,538	15,516	4,868	388	1,162	6,492	15,643	4,795	427	1,112
Louisiana	5,700	18,767	5,899	562	1,564	5,573	19,844	5,882	612	1,528
Maine	2,137	5,581	1,158	38	193	2,208	5,672	1,195	49	215
Maryland	7,718	20,948	10,628	1,000	1,144	7,438	21,136	10,687	977	1,049
Massachusetts	10,868	41,241	24,030	2,281	3,801	10,680	42,308	24,819	2,283	3,948
Michigan	21,731	44,289	18,499	1,431	2,463	18,851	45,754	20,317	1,496	2,354
Minnesota	10,477	23,165	7,358	891	1,524	11,030	23,175	7,797	867	1,535
Mississippi	6,566	10,750	3,448	351	583	6,764	10,988	3,263	347	506
Missouri	10,356	29,001	12,637	730	2,564	10,603	30,035	13,014	791	2,573
Montana	1,488	4,955	888	63	80	1,562	5,171	951	65	70
Nebraska	3,579	10,024	2,953	354	775	3,893	10,747	2,898	363	794
Nevada	1,853	3,977	1,332	88	52	1,988	4,245	1,453	115	53
New Hampshire	2,913	7,453	2,414	140	208	3,038	7,776	2,438	116	183
New Jersey	12,219	25,574	9,248	952	1,540	12,100	26,939	9,338	1,001	1,544
New Mexico	3,587	6,562	2,537	279	167	3,783	6,727	2,666	271	226
New York	50,344	92,042	46,254	3,757	7,568	50,264	94,417	47,555	3,783	7,527
North Carolina	12,951	34,629	8,919	1,123	1,931	13,505	35,257	9,636	1,152	1,951
North Dakota	1,859	4,730	816	68	176	2,051	4,877	863	58	191
Ohio	19,397	49,736	16,797	2,003	3,257	19,393	49,849	16,881	2,124	3,197
Oklahoma	6,446	15,756	4,799	403	911	6,408	15,578	5,359	437	1,001
Oregon	5,686	13,868	4,414	428	932	6,450	14,428	4,797	422	1,047
Pennsylvania	23,433	63,986	20,909	2,212	4,074	24,350	66,273	21,988	2,234	4,230
Rhode Island	3,591	8,396	1,942	256	225	3,550	8,402	1,864	258	265
South Carolina	6,538	15,764	4,653	444	794	6,796	16,033	4,533	429	853
South Dakota	1,695	4,246	980	65	188	1,833	4,494	884	78	195
Tennessee	7,500	21,988	7,174	678	1,416	7,708	22,958	7,820	724	1,518
Texas	28,661	73,576	23,234	2,708	4,963	30,816	75,834	24,756	2,693	5,288
Utah	7,443	17,600	3,503	376	362	7,867	17,058	3,458	350	382
Vermont	1,546	4,763	1,401	52	255	1,594	4,832	1,453	65	233
Virginia	11,970	30,967	10,955	1,124	1,945	11,499	33,599	11,149	1,122	2,181
Washington	18,751	23,056	7,319	711	1,038	19,268	24,002	7,436	647	1,075
West Virginia	2,975	8,486	2,441	139	391	3,049	8,545	2,465	134	376
Wisconsin	9,233	27,345	7,024	891	980	9,381	27,543	6,999	884	951
Wyoming	2,036	1,784	396	63	66	1,994	1,797	377	73	119
U.S. Service Schools[2]	0	2,974	0	0	0	0	3,037	0	0	0
Outlying areas	5,628	15,380	1,962	99	641	8,563	16,743	3,086	139	830
American Samoa	143	0	0	0	0	148	0	0	0	0
Federated States of Micronesia	7	0	0	0	0	84	0	0	0	0
Guam	79	374	70	0	0	88	365	99	0	0
Marshall Islands	59	0	0	0	0	55	0	0	0	0
Northern Marianas	73	0	0	0	0	84	0	0	0	0
Palau	27	0	0	0	0	41	0	0	0	0
Puerto Rico	5,169	14,765	1,851	99	641	7,993	16,164	2,958	139	830
Virgin Islands	71	241	41	0	0	70	214	29	0	0

[1] Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training). See *Definitions* for details.

[2] Excludes Uniformed Services University of the Health Sciences, National Defense University, Air Force Institute of Technology, Community College of the Air Force, Naval Postgraduate School, Joint Military Intelligence College, and the U.S. Army Command and General Staff College.

NOTE: Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.) Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared August 2001.)

Table 252.—Associate degrees conferred by degree-granting institutions of higher education, by field of study: 1988–89 to 1999–2000

Field of study	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**436,764**	**455,102**	**481,720**	**504,231**	**514,756**	**530,632**	**539,691**	**555,216**	**571,226**	**558,555**	**559,954**	**564,933**
Agriculture and natural resources, total	4,725	4,832	4,910	5,251	5,398	5,636	5,730	6,182	6,463	6,673	6,633	6,667
Agricultural business and production	2,884	2,894	2,905	3,046	3,222	3,434	3,564	3,846	4,176	4,247	4,327	4,350
Agricultural sciences	963	925	879	951	837	871	829	877	845	959	894	943
Conservation and renewable natural resources	878	1,013	1,126	1,254	1,339	1,331	1,337	1,459	1,442	1,467	1,412	1,374
Architecture and related programs	1,815	2,013	2,031	443	372	353	277	256	316	265	405	392
Area, ethnic, and cultural studies	16	68	19	29	33	75	68	111	84	104	308	259
Biological/life sciences	982	1,023	1,119	1,361	1,435	1,771	1,879	2,037	2,116	2,113	2,211	1,434
Business management and administrative services	92,481	92,390	89,537	93,762	91,719	92,284	90,113	93,487	95,532	91,399	91,190	92,274
Accounting	14,266	14,858	14,577	15,687	15,115	15,307	14,970	15,926	16,017	14,807	14,325	13,562
Business, general	11,929	11,878	11,618	11,823	11,190	11,452	11,622	11,397	11,385	11,311	11,514	12,283
Business administration and management	27,252	26,292	26,625	31,185	29,556	29,691	28,968	28,901	29,804	28,793	28,615	28,486
Business and management, other	11,162	11,691	11,663	11,089	12,285	11,114	10,233	9,950	12,166	8,632	8,575	7,841
Business data processing	9,831	8,532	8,182	6,394	6,405	6,883	6,962	7,381	8,553	8,576	10,003	13,129
Secretarial and related programs	18,041	17,139	16,872	17,584	17,168	17,837	17,358	19,932	17,607	19,280	18,158	16,973
Communications	1,777	1,657	1,847	1,886	1,904	2,052	3,160	2,187	2,030	2,368	2,639	2,754
Communications technologies	1,993	2,027	2,032	1,794	1,828	2,469	1,984	1,757	1,743	1,602	1,541	1,709
Computer and information sciences	7,900	7,574	7,677	9,290	9,196	9,301	9,152	9,658	10,990	13,870	16,968	20,450
Construction trades	1,731	1,765	1,793	1,560	1,653	1,695	1,728	2,141	1,928	2,172	2,137	2,337
Consumer and personal services	2,815	2,121	2,494	4,420	4,692	5,175	5,626	7,721	8,211	7,744	9,206	9,570
Education	7,445	8,061	7,842	10,267	9,315	9,271	9,658	9,750	10,526	9,278	9,971	8,226
Engineering	2,676	2,345	2,451	2,685	2,478	2,445	2,232	2,197	1,952	2,149	2,033	1,752
Engineering-related technologies	42,593	40,033	37,890	35,861	36,321	35,618	34,732	33,002	33,810	32,748	34,047	35,395
English language and literature/letters	468	527	426	1,019	1,320	1,289	1,548	1,310	1,455	1,609	1,621	947
Foreign languages and literatures	324	329	327	433	511	492	616	607	689	543	549	501
Health professions and related sciences	59,535	64,113	70,833	79,453	86,237	94,601	98,474	101,872	98,921	92,031	90,557	84,081
Dental assisting	3,650	3,697	3,810	4,013	4,165	4,259	4,312	4,564	4,866	4,904	6,628	5,566
Emergency medical technician-ambulance and paramedic	354	332	371	378	442	510	771	889	1,048	975	918	1,152
Medical lab technician	1,724	1,627	1,731	1,874	2,172	2,570	2,769	2,982	2,641	2,370	2,033	1,644
Medical assisting	1,786	1,404	1,496	1,960	2,130	2,785	3,544	4,941	5,019	5,102	5,358	5,414
Nursing assisting	12	0	5	19	86	6	2	7	13	23	12	7
Practical nursing	591	589	797	795	890	740	772	605	429	499	447	575
Nursing, R.N. and other	36,475	40,212	45,317	51,193	54,085	57,405	57,456	56,562	53,103	47,365	43,035	40,772
Health sciences, other	14,943	16,252	17,306	19,221	22,267	26,326	28,848	31,322	31,802	30,793	32,126	28,951
Home economics and vocational home economics	7,559	7,798	8,067	6,436	6,914	7,463	7,821	8,192	8,551	8,292	8,502	8,381
Law and legal studies	3,742	4,552	5,484	7,053	8,028	8,681	9,140	9,106	8,968	7,797	7,400	7,265
Liberal arts and sciences, general studies, and humanities	121,988	133,466	142,722	154,594	158,040	165,106	170,817	174,970	181,341	186,248	181,977	187,454
Library science	101	107	111	103	85	118	101	94	126	96	86	98
Marketing operations/marketing and distribution	14,338	14,015	12,713	8,465	7,445	6,736	6,187	5,960	5,656	5,516	5,452	5,557
Mathematics	654	756	670	744	743	704	782	758	792	844	823	675
Mechanics and repairers	7,769	7,704	7,640	10,264	10,966	11,332	11,497	12,524	12,180	10,616	10,806	11,614
Multi/interdisciplinary studies	7,737	8,176	7,454	7,841	8,486	8,436	8,692	8,611	9,182	9,401	8,658	11,784
Parks, recreation, leisure, and fitness studies	641	485	425	620	717	755	864	936	913	895	871	855
Philosophy and religion	81	93	89	60	111	82	81	83	89	94	74	63
Physical sciences	1,838	2,021	2,091	2,066	2,241	2,546	2,456	2,612	2,526	2,286	2,399	2,460
Physical sciences, other	1,090	1,279	1,281	1,228	1,390	1,567	1,645	1,749	1,728	1,584	1,594	1,350
Science technologies	748	742	810	838	851	979	811	863	798	702	805	1,110
Precision production trades	7,414	8,616	9,093	9,005	9,204	9,357	9,344	10,217	10,368	11,085	11,598	11,814
Protective services	11,682	12,855	13,564	15,117	16,834	18,199	19,709	19,196	19,889	19,002	17,430	16,298
Criminal justice and corrections	9,663	10,658	11,358	12,649	14,295	15,262	16,584	15,990	16,644	15,915	14,448	13,487
Fire control and safety	1,493	1,621	1,634	1,989	2,020	2,243	2,447	2,523	2,638	2,480	2,395	2,364
Protective services, other	526	576	572	479	519	694	678	683	607	607	587	447
Psychology	1,090	1,115	997	1,209	1,237	1,377	1,600	1,583	1,612	1,765	1,625	1,455
Public administration and services	2,493	2,613	2,779	3,162	3,301	3,696	3,882	4,218	4,270	4,156	3,881	3,656
R.O.T.C. and military technologies	164	129	85	172	52	265	364	556	556	22	42	65
Social sciences and history	2,741	2,872	2,505	3,160	3,930	3,936	3,634	4,021	4,056	4,196	4,550	5,136
Theological studies/religious vocations	568	653	578	496	508	641	607	608	574	570	476	636
Transportation and material moving workers	2,090	2,619	2,609	2,418	2,210	1,922	1,446	1,571	1,612	1,009	1,154	1,021
Visual and performing arts	8,178	8,740	9,126	11,888	12,690	13,227	12,544	13,534	13,593	14,980	17,640	17,100
Fine arts, general	1,091	1,150	1,166	1,159	1,346	1,473	1,420	1,515	1,516	1,281	3,029	1,314
Design and music	5,340	5,900	5,986	9,142	9,699	10,173	9,805	10,579	10,459	11,591	12,026	12,780
Visual and performing arts, other	1,747	1,690	1,974	1,587	1,645	1,581	1,319	1,440	1,618	2,108	2,585	3,006
Not classified by field of study	4,620	4,839	19,690	9,844	6,602	1,526	1,146	1,591	7,606	3,017	2,494	2,798

NOTE: Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 253.—Associate degrees and other subbaccalaureate awards conferred by degree-granting institutions, by length of curriculum, sex of student, and field of study: 1999–2000

Field of study	Less than 1-year awards			1- to less than 4-year awards			Associate degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Total	**119,498**	**55,815**	**63,682**	**140,903**	**62,420**	**78,483**	**564,933**	**224,721**	**340,212**
Agriculture and natural resources, total	1,526	1,198	328	1,918	1,355	563	6,667	4,353	2,314
Agricultural business and production	1,453	1,145	308	1,659	1,176	483	4,350	2,842	1,508
Agricultural sciences	5	2	3	108	64	44	943	462	481
Conservation and renewable natural resources	68	51	17	151	115	36	1,374	1,049	325
Architecture and related programs	21	3	18	83	13	70	392	101	291
Area, ethnic, and cultural studies	227	62	165	87	13	74	259	56	203
Biological/life sciences	21	14	7	36	18	18	1,434	481	953
Business management and administrative services	19,024	6,023	13,001	23,669	5,174	18,495	92,274	27,584	64,690
Accounting	1,910	331	1,579	3,190	469	2,721	13,562	2,529	11,033
Business, general	853	421	432	1,227	359	868	12,283	4,324	7,959
Business administration and management	2,005	825	1,180	2,391	791	1,600	28,486	10,179	18,307
Business and management, other	2,661	1,198	1,463	1,861	621	1,240	7,841	2,768	5,073
Business data processing	4,543	2,456	2,087	4,681	2,282	2,399	13,129	6,985	6,144
Secretarial and related programs	7,052	792	6,260	10,319	652	9,667	16,973	799	16,174
Communications	243	134	109	193	98	95	2,754	1,435	1,319
Communications technologies	301	160	141	515	309	206	1,709	1,059	650
Computer and information sciences	8,984	5,763	3,221	9,177	5,752	3,425	20,450	11,700	8,750
Construction trades	2,656	2,496	160	4,701	4,477	224	2,337	2,220	117
Consumer and personal services	4,353	1,107	3,246	7,055	1,740	5,315	9,570	5,560	4,010
Education	2,014	556	1,458	582	43	539	8,226	1,702	6,524
Engineering	127	105	22	28	27	1	1,752	1,509	243
Engineering-related technologies	4,671	3,792	879	6,590	5,713	877	35,395	30,736	4,659
English language and literature/letters	341	154	187	28	12	16	947	333	614
Foreign languages and literatures	291	85	206	18	5	13	501	235	266
Health professions and related sciences	31,945	6,845	25,100	41,857	5,817	36,040	84,081	11,728	72,353
Dental assisting	945	56	889	3,702	155	3,547	5,566	276	5,290
Emergency medical technician-ambulance and paramedic	5,978	3,735	2,243	2,050	1,429	621	1,152	772	380
Medical lab technician	160	18	142	351	182	169	1,644	350	1,294
Medical assisting	4,235	314	3,921	6,008	300	5,708	5,414	234	5,180
Nursing assisting	9,446	806	8,640	222	20	202	7	0	7
Practical nursing	495	53	442	16,991	1,300	15,691	575	46	529
Nursing, R.N. and other	1,042	81	961	2,019	205	1,814	40,772	4,343	36,429
Health sciences, other	9,644	1,782	7,862	10,514	2,226	8,288	28,951	5,707	23,244
Home economics and vocational home economics	6,770	1,789	4,981	4,243	387	3,856	8,381	704	7,677
Law and legal studies	794	147	647	1,293	201	1,092	7,265	881	6,384
Liberal arts and sciences, general studies, and humanities	339	108	231	1,999	786	1,213	187,454	69,746	117,708
Library science	124	10	114	47	6	41	98	8	90
Marketing operations/marketing and distribution	2,874	609	2,265	919	286	633	5,557	1,381	4,176
Mathematics	7	6	1	7	5	2	675	408	267
Mechanics and repairers	6,703	5,973	730	18,270	17,359	911	11,614	10,791	823
Multi/interdisciplinary studies	192	52	140	188	43	145	11,784	5,521	6,263
Parks, recreation, leisure, and fitness studies	121	54	67	121	59	62	855	511	344
Philosophy and religion	1	1	0	27	10	17	63	32	31
Physical sciences	163	109	54	128	84	44	2,460	1,299	1,161
Physical sciences, other	24	8	16	14	8	6	1,350	645	705
Science technologies	139	101	38	114	76	38	1,110	654	456
Precision production trades	4,283	3,559	724	8,691	7,364	1,327	11,814	9,200	2,614
Protective services	9,633	7,546	2,087	3,220	2,495	725	16,298	10,507	5,791
Criminal justice and corrections	7,846	5,901	1,945	2,459	1,829	630	13,487	8,051	5,436
Fire control and safety	1,742	1,603	139	669	619	50	2,364	2,178	186
Protective services, other	45	42	3	92	47	45	447	278	169
Psychology	60	6	54	23	4	19	1,455	326	1,129
Public administration and services	392	64	328	386	72	314	3,656	555	3,101
R.O.T.C. and military technologies	40	33	7	0	0	0	65	54	11
Social sciences and history	82	47	35	58	19	39	5,136	1,791	3,345
Theological studies/religious vocations	101	34	67	538	308	230	636	355	281
Transportation and material moving workers	8,560	6,389	2,171	741	675	66	1,021	870	151
Visual and performing arts	1,210	642	568	3,118	1,565	1,553	17,100	7,999	9,101
Fine arts, general	27	7	20	98	47	51	1,314	515	799
Design and music	905	527	378	1,407	1,330	77	12,780	5,814	6,966
Visual and performing arts, other	278	108	170	1,613	188	1,425	3,006	1,670	1,336
Not classified by field of study	304	141	163	349	126	223	2,798	990	1,808

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared June 2001.)

Table 254.—Associate degrees and other subbaccalaureate awards conferred by degree-granting institutions, by length of curriculum, sex of student, and field of study: 1998–99

Field of study	Less than 1-year awards			1- to less than 4-year awards			Associate degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Total	**113,713**	**54,650**	**59,063**	**138,731**	**57,526**	**81,205**	**559,954**	**218,417**	**341,537**
Agriculture and natural resources, total	1,981	1,524	457	1,885	1,296	589	6,633	4,320	2,313
Agricultural business and production	1,766	1,391	375	1,633	1,116	517	4,327	2,800	1,527
Agricultural sciences	25	13	12	99	65	34	894	440	454
Conservation and renewable natural resources	190	120	70	153	115	38	1,412	1,080	332
Architecture and related programs	2	0	2	34	6	28	405	67	338
Area, ethnic, and cultural studies	221	54	167	65	21	44	308	66	242
Biological/life sciences	39	28	11	33	24	9	2,211	765	1,446
Business management and administrative services	16,993	4,860	12,133	23,655	4,422	19,233	91,190	25,699	65,491
Accounting	1,430	248	1,182	3,754	631	3,123	14,325	2,737	11,588
Business, general	516	238	278	1,559	383	1,176	11,514	4,108	7,406
Business administration and management	1,951	838	1,113	2,260	671	1,589	28,615	10,160	18,455
Business and management, other	2,998	1,384	1,614	1,715	515	1,200	8,575	3,055	5,520
Business data processing	3,184	1,631	1,553	3,384	1,576	1,808	10,003	4,727	5,276
Secretarial and related programs	6,914	521	6,393	10,983	646	10,337	18,158	912	17,246
Communications	385	210	175	152	74	78	2,639	1,346	1,293
Communications technologies	172	110	62	525	360	165	1,541	961	580
Computer and information sciences	6,422	3,505	2,917	5,975	3,274	2,701	16,968	9,420	7,548
Construction trades	2,041	1,896	145	4,474	4,291	183	2,137	2,029	108
Consumer and personal services	3,614	1,039	2,575	5,787	1,379	4,408	9,206	5,479	3,727
Education	1,760	461	1,299	871	79	792	9,971	2,356	7,615
Engineering	247	200	47	188	165	23	2,033	1,719	314
Engineering-related technologies	4,298	3,508	790	7,122	6,210	912	34,047	29,534	4,513
English language and literature/letters	387	149	238	41	19	22	1,621	575	1,046
Foreign languages and literatures	270	92	178	32	4	28	549	244	305
Health professions and related sciences	31,550	8,159	23,391	44,297	5,960	38,337	90,557	13,340	77,217
Dental assisting	747	56	691	4,093	179	3,914	6,628	308	6,320
Emergency medical technician-ambulance and paramedic	7,894	4,958	2,936	1,984	1,357	627	918	604	314
Medical lab technician	114	15	99	70	16	54	2,033	467	1,566
Medical assisting	3,869	324	3,545	7,056	359	6,697	5,358	224	5,134
Nursing assisting	8,457	686	7,771	531	56	475	12	0	12
Practical nursing	529	67	462	17,756	1,506	16,250	447	28	419
Nursing, R.N. and other	1,017	183	834	1,635	162	1,473	43,035	4,983	38,052
Health sciences, other	8,923	1,870	7,053	11,172	2,325	8,847	32,126	6,726	25,400
Home economics and vocational home economics	5,551	1,379	4,172	5,424	470	4,954	8,502	699	7,803
Law and legal studies	722	88	634	1,442	234	1,208	7,400	886	6,514
Liberal arts and sciences, general studies, and humanities	652	255	397	497	196	301	181,977	68,209	113,768
Library science	117	9	108	66	4	62	86	5	81
Marketing operations/marketing and distribution	2,073	515	1,558	1,227	321	906	5,452	1,373	4,079
Mathematics	27	17	10	1	1	0	823	451	372
Mechanics and repairers	5,708	5,178	530	16,231	15,258	973	10,806	9,915	891
Multi/interdisciplinary studies	954	343	611	96	44	52	8,658	3,997	4,661
Parks, recreation, leisure, and fitness studies	86	40	46	112	55	57	871	529	342
Philosophy and religion	40	13	27	73	36	37	74	35	39
Physical sciences	87	31	56	164	90	74	2,399	1,198	1,201
Physical sciences, other	22	10	12	50	24	26	1,594	770	824
Science technologies	65	21	44	114	66	48	805	428	377
Precision production trades	4,186	3,569	617	9,506	8,100	1,406	11,598	9,009	2,589
Protective services	13,492	10,507	2,985	3,110	2,210	900	17,430	11,449	5,981
Criminal justice and corrections	10,740	8,002	2,738	2,243	1,460	783	14,448	8,863	5,585
Fire control and safety	2,751	2,504	247	758	675	83	2,395	2,205	190
Protective services, other	1	1	0	109	75	34	587	381	206
Psychology	37	3	34	22	8	14	1,625	395	1,230
Public administration and services	330	63	267	446	102	344	3,881	613	3,268
R.O.T.C. and military technologies	3	3	0	0	0	0	42	40	2
Social sciences and history	141	77	64	58	21	37	4,550	1,593	2,957
Theological studies/religious vocations	102	46	56	629	317	312	476	229	247
Transportation and material moving workers	7,349	5,894	1,455	698	603	95	1,154	975	179
Visual and performing arts	1,012	524	488	3,033	1,547	1,486	17,640	7,942	9,698
Fine arts, general	165	102	63	122	42	80	3,029	1,160	1,869
Design and music	592	313	279	3,537	1,388	1,264	12,026	5,319	6,707
Visual and performing arts, other	255	109	146	259	117	142	2,585	1,463	1,122
Not classified by field of study	662	301	361	760	325	435	2,494	955	1,539

NOTE: Data imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared August 2001.)

Table 255.—Bachelor's degrees conferred by degree-granting institutions, by discipline division: 1970–71 to 1999–2000

Discipline division	1970–71	1975–76	1980–81	1985–86	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	**839,730**	**925,746**	**935,140**	**987,823**	**1,018,755**	**1,051,344**	**1,094,538**	**1,136,553**	**1,165,178**	**1,169,275**	**1,160,134**	**1,164,792**	**1,172,879**	**1,184,406**	**1,200,303**	**1,237,875**
Agriculture and natural resources	12,672	19,402	21,886	16,823	13,492	12,900	13,124	15,124	16,778	18,070	19,841	21,431	22,602	23,284	23,930	24,247
Architecture and related programs	5,570	9,146	9,455	9,119	9,150	9,364	9,781	8,753	9,167	8,975	8,756	8,352	7,944	7,652	8,246	8,462
Area, ethnic, and cultural studies	2,582	3,577	2,887	3,178	4,102	4,613	4,884	5,342	5,481	5,573	5,706	5,786	5,839	6,153	6,252	6,381
Biological sciences/life sciences	35,743	54,275	43,216	38,524	36,059	37,204	39,530	42,941	47,038	51,383	55,984	60,994	63,975	65,868	65,014	63,532
Business	114,729	142,034	198,983	237,319	246,399	248,698	249,311	256,603	256,842	246,654	234,323	227,102	226,633	233,119	242,236	257,709
Communications	10,324	20,045	29,428	41,666	47,405	50,114	51,650	54,257	53,874	51,164	48,104	47,320	47,230	49,385	51,384	55,760
Communications technologies	478	1,237	1,854	1,410	1,204	1,194	1,123	720	832	663	699	683	538	729	935	1,150
Computer and information sciences	2,388	5,652	15,121	41,889	30,454	27,257	25,083	24,557	24,200	24,200	24,404	24,098	24,768	26,852	29,345	36,195
Education	176,307	154,437	108,074	87,114	96,913	105,112	110,807	108,006	107,781	107,600	106,079	105,509	105,233	105,968	107,172	108,168
Engineering	44,898	38,388	63,287	76,225	66,099	63,609	61,531	61,206	61,973	62,220	62,342	62,114	61,185	59,910	57,918	58,427
Engineering-related technologies	5,148	7,943	11,713	19,435	18,903	17,713	17,119	16,335	16,078	16,005	15,812	15,323	13,972	14,000	13,986	14,128
English language and literature/letters	64,342	42,006	32,254	34,552	42,470	47,519	51,841	54,951	56,133	53,924	51,901	50,698	49,345	49,708	50,535	50,920
Foreign languages and literatures	20,536	16,484	11,273	10,984	11,693	12,386	13,133	13,903	14,387	14,378	13,775	13,952	13,674	14,451	14,962	14,968
Health professions and related sciences	25,226	53,958	63,649	64,396	59,005	58,302	59,070	61,720	67,089	74,421	79,855	84,036	85,631	84,379	82,622	78,458
Home economics and vocational home economics	11,167	17,409	18,370	14,889	14,160	14,491	14,892	14,898	15,100	15,522	15,345	15,803	16,571	17,296	17,689	17,779
Law and legal studies	545	531	776	1,197	1,976	1,592	1,758	2,144	2,056	2,171	2,032	2,052	2,038	2,017	1,901	1,925
Liberal arts and sciences, general studies, and humanities	7,481	18,855	21,643	21,336	26,388	27,985	30,526	32,174	33,456	33,397	33,356	33,997	34,776	33,202	34,772	36,104
Library science	1,013	843	375	155	121	77	90	97	83	62	50	58	48	73	78	154
Mathematics	24,937	16,329	11,433	17,147	15,994	15,176	15,310	14,783	14,812	14,396	13,723	13,143	12,820	12,328	12,539	12,070
Multi/interdisciplinary studies	6,286	13,588	12,848	13,489	15,168	16,267	17,561	20,647	23,955	25,167	26,033	26,515	26,137	26,163	26,581	27,460
Parks, recreation, leisure and fitness studies	1,621	5,182	5,729	4,620	4,376	4,582	4,315	8,446	9,859	11,470	12,889	13,983	15,401	16,781	18,064	19,111
Philosophy and religion	8,146	8,447	6,776	6,239	6,425	6,868	7,315	7,526	7,781	7,546	7,276	7,388	7,685	8,207	8,263	8,366
Physical sciences and science technologies	21,412	21,465	23,952	21,717	17,186	16,066	16,344	16,960	17,545	18,400	19,177	19,647	19,531	19,416	18,337	18,385
Precision production trades	—	—	—	400	482	528	460	378	388	420	353	401	326	407	386	393
Protective services	2,045	12,507	13,707	12,704	14,698	15,354	16,806	18,855	20,902	23,009	24,157	24,810	25,165	25,076	24,601	24,877
Psychology	38,187	50,278	41,068	40,628	48,910	53,952	58,655	63,513	66,728	69,259	72,083	73,291	74,191	73,972	73,536	74,060
Public administration and services	5,466	15,440	16,707	11,887	13,162	13,908	14,350	15,987	16,775	17,815	18,586	19,849	20,649	20,408	20,287	20,185
R.O.T.C. and military technologies	357	952	42	256	198	196	183	184	11	19	27	7	4	3	2	7
Social sciences and history	155,324	126,396	100,513	93,840	108,151	118,083	125,107	133,974	135,703	133,680	128,154	126,479	124,891	125,040	124,658	127,101
Theological studies/religious vocations	3,744	5,520	5,841	5,607	5,318	5,200	4,813	4,729	5,433	5,434	5,578	5,358	5,591	5,903	6,280	6,809
Transportation and material moving workers	662	1,282	1,801	1,837	2,062	2,387	2,622	3,598	3,930	3,923	3,698	3,561	3,547	3,206	3,383	3,395
Visual and performing arts	30,394	42,138	40,479	37,241	38,227	39,934	42,186	46,522	47,761	49,053	48,690	49,296	50,083	52,077	54,404	58,791
Not classified by field of study	0	0	0	0	2,405	2,713	13,258	6,720	5,247	3,302	1,346	1,756	4,856	1,373	5	2,398

—Not available.

NOTE: The new Classification of Instructional Programs was initiated in 1991–92. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services; and "Engineering-related technologies" includes Engineering-related technologies, Mechanics and repairers, and Construction trades. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 256.—Master's degrees conferred by degree-granting institutions, by discipline division: 1970–71 to 1999–2000

Discipline division	1970–71	1975–76	1980–81	1985–86	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	**230,509**	**311,771**	**295,739**	**288,567**	**310,621**	**324,301**	**337,168**	**352,838**	**369,585**	**387,070**	**397,629**	**406,301**	**419,401**	**430,164**	**439,986**	**457,056**
Agriculture and natural resources	2,457	3,340	4,003	3,801	3,245	3,382	3,295	3,735	3,965	4,119	4,252	4,569	4,516	4,475	4,417	4,375
Architecture and related programs	1,705	3,215	3,153	3,260	3,383	3,499	3,490	3,640	3,808	3,943	3,923	3,993	4,034	4,347	4,172	4,268
Area, ethnic, and cultural studies	1,032	995	804	945	1,016	1,212	1,263	1,385	1,523	1,633	1,639	1,713	1,651	1,617	1,500	1,591
Biological sciences/life sciences	5,728	6,582	5,978	5,013	4,961	4,869	4,765	4,785	4,756	5,196	5,393	6,157	6,466	6,261	6,192	6,198
Business	25,977	42,054	57,391	66,689	73,065	76,676	78,255	84,642	89,615	93,437	93,809	93,982	97,619	102,171	108,085	112,258
Communications	1,770	2,961	2,896	3,500	3,940	4,063	4,123	4,180	4,754	5,005	5,142	5,080	5,227	5,611	5,293	5,169
Communications technologies	86	165	209	323	317	299	213	284	455	414	467	524	374	564	325	436
Computer and information sciences	1,588	2,603	4,218	8,070	9,414	9,677	9,324	9,530	10,163	10,416	10,326	10,151	10,098	11,246	12,250	14,264
Education	87,666	126,061	96,713	74,801	81,174	84,881	87,343	92,668	96,028	98,938	101,242	106,253	110,087	114,691	119,427	124,240
Engineering	16,309	16,014	16,386	21,040	23,740	23,863	23,962	24,983	27,626	28,621	28,553	27,441	25,787	25,936	25,544	25,596
Engineering-related technologies	134	328	323	617	828	909	996	994	1,100	1,133	1,117	1,125	1,040	1,152	1,014	926
English language and literature/letters	10,686	8,809	5,929	5,518	5,950	6,567	7,026	7,450	7,790	7,885	7,845	7,893	7,722	7,795	7,478	7,230
Foreign languages and literatures	5,217	4,190	2,690	2,494	2,595	2,760	2,800	2,926	3,198	3,288	3,136	3,124	3,077	2,927	2,860	2,780
Health professions and related sciences	5,749	12,556	16,515	18,573	19,268	20,321	21,200	23,065	25,718	28,025	31,243	33,398	35,958	39,260	40,589	42,456
Home economics and vocational home economics	1,452	2,179	2,570	2,294	2,164	2,100	2,019	2,412	2,479	2,421	2,864	2,917	2,888	2,914	2,880	2,830
Law and legal studies	955	1,442	1,832	1,924	2,013	1,888	2,057	2,369	2,197	2,432	2,511	2,751	2,886	3,228	3,308	3,750
Liberal arts and sciences, general studies, and humanities	885	2,633	2,375	1,586	1,850	1,999	2,213	2,394	2,416	2,496	2,565	2,778	2,661	2,801	3,101	3,256
Library science	7,001	8,037	4,859	3,564	3,906	4,341	4,763	4,893	4,871	5,116	5,057	5,099	4,982	4,871	4,752	4,577
Mathematics	5,695	4,315	3,074	3,607	3,903	4,146	4,041	4,011	4,067	4,100	4,181	4,031	3,783	3,643	3,466	3,412
Multi/interdisciplinary studies	821	1,158	2,144	2,625	2,762	2,834	1,796	2,126	2,498	2,464	2,457	2,347	2,819	2,677	2,663	3,064
Parks, recreation, leisure and fitness studies	218	571	643	570	535	529	483	1,358	1,434	1,625	1,755	1,751	1,966	2,024	2,076	2,478
Philosophy and religion	1,326	1,356	1,229	1,163	1,280	1,306	1,441	1,146	1,425	1,350	1,380	1,302	1,252	1,307	1,295	1,329
Physical sciences and science technologies	6,367	5,466	5,284	5,902	5,723	5,449	5,309	5,374	5,366	5,679	5,753	5,847	5,563	5,361	5,159	4,841
Precision production trades	—	—	—	0	0	3	0	0	2	2	5	8	3	15	7	5
Protective services	194	1,197	1,538	1,074	1,047	1,151	1,108	1,249	1,357	1,437	1,706	1,812	1,845	2,000	2,249	2,609
Psychology	5,717	10,167	10,223	9,845	9,940	10,730	11,349	10,215	10,957	12,181	13,921	13,792	14,353	13,747	14,247	14,465
Public administration and services	7,785	15,209	17,803	15,692	17,020	17,399	17,905	19,243	20,634	21,833	23,501	24,229	24,781	25,144	24,925	25,594
R.O.T.C. and military technologies	2	0	43	83	0	0	0	0	108	124	124	136	136	0	0	0
Social sciences and history	16,539	15,953	11,945	10,564	11,023	11,634	12,233	12,702	13,471	14,561	14,845	15,012	14,787	14,938	14,431	14,066
Theological studies/religious vocations	2,710	3,290	4,220	4,556	4,749	4,959	4,810	5,185	4,985	4,956	5,240	5,107	4,975	4,692	4,727	5,576
Transportation and material moving workers	63	108	120	454	692	538	406	385	495	664	823	919	919	736	713	697
Visual and performing arts	6,675	8,817	8,629	8,420	8,267	8,481	8,657	9,353	9,440	9,925	10,277	10,280	10,627	11,145	10,753	10,918
Not classified by field of study	0	0	0	0	851	1,836	8,523	4,156	884	1,651	577	780	4,519	868	88	1,802

—Not available

NOTE: The new Classification of Instructional Programs was initiated in 1991-92. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services; and "Engineering-related technologies" includes Engineering-related technologies, Mechanics and repairers, and Construction trades. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 257.—Doctor's degrees conferred by degree-granting institutions, by discipline division: 1970–71 to 1999–2000

Discipline division	1970–71	1975–76	1980–81	1985–86	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	**32,107**	**34,064**	**32,958**	**33,653**	**35,720**	**38,371**	**39,294**	**40,659**	**42,132**	**43,185**	**44,446**	**44,652**	**45,876**	**46,010**	**44,077**	**44,808**
Agriculture and natural resources	1,086	928	1,067	1,158	1,183	1,295	1,185	1,214	1,173	1,278	1,264	1,271	1,217	1,302	1,248	1,181
Architecture and related programs	36	82	93	73	86	103	135	132	148	161	141	141	135	131	123	129
Area, ethnic, and cultural studies	144	188	162	159	114	131	167	155	178	155	186	184	182	181	197	217
Biological sciences/life sciences	3,645	3,392	3,718	3,358	3,520	3,844	4,093	4,243	4,435	4,534	4,645	4,780	4,812	4,961	4,619	4,867
Business	757	900	795	934	1,100	1,093	1,185	1,242	1,346	1,364	1,394	1,368	1,336	1,290	1,202	1,196
Communications	145	196	171	212	247	267	259	252	293	337	320	338	296	354	347	347
Communications technologies	0	8	11	11	6	6	15	3	8	8	1	7	4	5	5	10
Computer and information sciences	128	244	252	344	551	627	676	772	805	810	884	867	857	858	800	777
Education	6,041	7,202	7,279	6,605	6,337	6,502	6,187	6,864	7,030	6,908	6,905	6,676	6,751	6,729	6,841	6,830
Engineering	3,637	2,819	2,551	3,398	4,506	4,967	5,258	5,488	5,823	5,963	6,110	6,369	6,201	5,980	5,422	5,384
Engineering-related technologies	1	2	10	12	17	14	14	11	20	16	18	11	9	14	5	6
English language and literature/letters	1,650	1,672	1,164	991	1,022	1,078	1,184	1,273	1,341	1,344	1,561	1,535	1,575	1,639	1,540	1,628
Foreign languages and literatures	988	1,076	804	672	632	724	758	850	830	886	905	876	915	959	904	915
Health professions and related sciences	466	577	842	1,241	1,437	1,536	1,613	1,661	1,767	1,902	2,069	2,119	2,672	2,484	2,535	2,676
Home economics and vocational home economics	123	178	247	311	264	301	253	293	345	365	388	414	382	424	361	357
Law and legal studies	20	76	60	54	76	111	90	68	86	79	88	91	81	66	58	74
Liberal arts and sciences, general studies, and humanities	32	162	121	90	72	63	70	67	81	80	90	75	77	87	78	83
Library science	39	71	71	62	61	42	56	50	77	45	55	53	46	48	55	68
Mathematics	1,249	909	775	777	915	966	1,036	1,082	1,189	1,157	1,226	1,209	1,174	1,259	1,124	1,106
Multi/interdisciplinary studies	59	111	158	263	212	272	220	231	196	227	238	441	451	508	441	384
Parks, recreation, leisure, and fitness studies	2	15	42	39	35	35	28	61	108	116	149	104	108	129	137	134
Philosophy and religion	554	554	410	477	465	439	456	475	448	528	507	549	593	585	574	586
Physical sciences and science technologies	4,390	3,431	3,141	3,551	3,858	4,164	4,290	4,391	4,393	4,650	4,483	4,571	4,474	4,571	4,190	4,018
Protective services	1	9	21	21	26	38	28	24	32	25	26	38	31	39	48	52
Psychology	2,144	3,157	3,576	3,593	3,685	3,811	3,932	3,373	3,651	3,563	3,822	3,711	4,053	4,073	4,248	4,310
Public administration and services	174	292	362	382	428	508	430	432	459	519	556	499	518	499	532	537
Social sciences and history	3,660	4,157	3,122	2,955	2,885	3,010	3,012	3,218	3,460	3,627	3,725	3,760	3,989	4,127	3,855	4,095
Theological studies/religious vocations	312	1,033	1,276	1,185	1,166	1,317	1,079	1,259	1,417	1,448	1,591	1,521	1,395	1,460	1,452	1,643
Transportation and material moving workers	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0
Visual and performing arts	621	620	654	722	753	849	838	906	882	1,054	1,080	1,067	1,060	1,163	1,130	1,127
Not classified by field of study	0	0	0	0	61	258	747	569	111	36	19	7	482	85	6	71

—Not available

NOTE: Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees such as M.D., D.D.S., and law degrees. The new Classification of Instructional Programs was initiated in 1991–92. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services; and "Engineering-related technologies" includes Engineering-related technologies, Mechanics and repairers, and Construction trades. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 258.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1999–2000

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
All fields	**1,237,875**	**530,367**	**707,508**	**457,056**	**191,792**	**265,264**	**44,808**	**25,028**	**19,780**
Agriculture and natural resources, total	24,247	13,850	10,397	4,375	2,362	2,013	1,181	811	370
Agricultural business and production, total	5,883	3,970	1,913	541	322	219	183	137	46
Agricultural business and management, total	3,895	2,666	1,229	407	245	162	150	108	42
Agricultural business and management, general	952	631	321	46	25	21	0	0	0
Agricultural business/agribusiness operations	1,500	1,016	484	10	7	3	0	0	0
Agricultural economics	934	687	247	337	204	133	150	108	42
Agricultural business and management, other	509	332	177	14	9	5	0	0	0
Agricultural mechanization	266	240	26	0	0	0	0	0	0
Agricultural production workers and managers	285	175	110	49	36	13	8	8	0
Horticulture service operations and management	746	509	237	31	13	18	17	16	1
International agriculture	11	3	8	11	3	8	0	0	0
Agricultural business and production, other	680	377	303	43	25	18	8	5	3
Agricultural sciences, total	8,656	4,250	4,406	1,566	846	720	652	445	207
Agriculture/agricultural sciences, general	1,450	866	584	176	95	81	6	5	1
Animal sciences, total	3,976	1,516	2,460	431	240	191	167	125	42
Animal sciences, general	3,506	1,280	2,226	328	177	151	132	94	38
Agricultural animal breeding and genetics	27	20	7	10	5	5	3	3	0
Agricultural animal health	2	0	2	5	3	2	0	0	0
Agricultural animal nutrition	0	0	0	5	3	2	13	12	1
Dairy science	112	71	41	19	13	6	2	2	0
Poultry science	110	70	40	28	18	10	2	1	1
Animal sciences, other	219	75	144	36	21	15	15	13	2
Food sciences and technology	672	222	450	270	99	171	148	81	67
Plant sciences, total	2,177	1,426	751	520	318	202	256	173	83
Plant sciences, general	421	263	158	70	44	26	36	25	11
Agronomy and crop science	677	547	130	199	145	54	115	83	32
Horticulture science	801	420	381	127	63	64	51	29	22
Plant breeding and genetics	0	0	0	10	7	3	10	5	5
Agricultural plant pathology	9	7	2	5	3	2	8	6	2
Plant protection (pest management)	35	26	9	16	10	6	5	3	2
Range science and management	113	81	32	54	31	23	15	12	3
Plant sciences, other	121	82	39	39	15	24	16	10	6
Soil sciences	106	69	37	111	68	43	60	47	13
Agriculture/agricultural sciences, other	275	151	124	58	26	32	15	14	1
Conservation and renewable natural resources, total	9,708	5,630	4,078	2,268	1,194	1,074	346	229	117
Natural resources conservation, general	5,496	2,806	2,690	1,313	623	690	118	71	47
Natural resources management and policy	657	388	269	183	96	87	3	2	1
Fishing and fisheries sciences and management	170	123	47	89	57	32	21	14	7
Forest harvesting and production technology/technician	242	167	75	16	12	4	14	11	3
Forestry, general	1,546	1,186	360	444	271	173	129	91	38
Wildlife and wildlands management	1,091	668	423	173	106	67	37	28	9
Conservation and renewable natural resources, other	506	292	214	50	29	21	24	12	12
Architecture and related programs, total	8,462	5,193	3,269	4,268	2,508	1,760	129	85	44
Architecture	5,005	3,352	1,653	2,288	1,473	815	45	34	11
City/urban, community, and regional planning	467	301	166	1,298	693	605	66	38	28
Architectural environmental design	692	421	271	29	8	21	2	1	1
Interior architecture	704	95	609	36	8	28	0	0	0
Landscape architecture	944	621	323	340	176	164	1	0	1
Architectural urban design and planning	0	0	0	74	45	29	1	1	0
Architecture and related programs, other	650	403	247	203	105	98	14	11	3
Area, ethnic, and cultural studies, total	6,381	2,064	4,317	1,591	644	947	217	106	111
Area studies, total	3,730	1,410	2,320	1,077	490	587	167	82	85
African studies	30	14	16	34	14	20	5	5	0
American studies/civilization	1,508	543	965	214	86	128	91	36	55
Latin American studies	453	122	331	230	88	142	11	10	1
Middle Eastern studies	98	44	54	94	44	50	29	17	12
Russian and Slavic studies	93	36	57	79	43	36	0	0	0
Asian studies	876	389	487	247	130	117	21	10	11
European studies	138	42	96	63	29	34	4	1	3
Area studies, other	534	220	314	116	56	60	6	3	3
Ethnic and cultural studies, total	1,942	400	1,542	287	70	217	23	9	14
Afro-American (black) studies	604	203	401	70	29	41	7	5	2
Hispanic-American studies	256	83	173	13	3	10	0	0	0
Women's studies	771	23	748	80	1	79	5	0	5
Ethnic studies, other	311	91	220	124	37	87	11	4	7
Area, ethnic and cultural studies, other	709	254	455	227	84	143	27	15	12
Biological sciences/life sciences, total	63,532	26,504	37,028	6,198	2,773	3,425	4,867	2,722	2,145
Biology, general	44,982	18,239	26,743	2,599	1,181	1,418	727	406	321

Table 258.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1999–2000—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Biochemistry and biophysics	3,654	1,900	1,754	290	143	147	649	396	253
Botany, total	379	138	241	215	96	119	203	131	72
Botany, general	332	118	214	127	62	65	103	55	48
Plant pathology	4	3	1	71	31	40	74	59	15
Botany, other	43	17	26	17	3	14	26	17	9
Cell and molecular biology, total	2,626	1,230	1,396	281	118	163	644	351	293
Cell biology	268	115	153	48	19	29	169	93	76
Molecular biology	759	379	380	125	54	71	252	134	118
Cell and molecular biology, other	1,599	736	863	108	45	63	223	124	99
Microbiology/bacteriology	2,948	1,297	1,651	323	135	188	383	204	179
Miscellaneous biological specializations, total	3,891	1,534	2,357	1,431	531	900	1,235	650	585
Anatomy	169	106	63	83	38	45	75	34	41
Ecology	982	412	570	176	90	86	129	77	52
Marine/aquatic biology	711	263	448	98	47	51	44	19	25
Neurosciences	625	269	356	69	40	29	283	181	102
Nutritional sciences	476	83	393	329	33	296	125	28	97
Toxicology	50	22	28	54	22	32	76	38	38
Genetics, plant and animal	286	116	170	133	34	99	256	135	121
Biometrics	19	12	7	63	38	25	22	15	7
Miscellaneous specialized areas, other	573	251	322	426	189	237	225	123	102
Zoology, total	3,291	1,364	1,927	743	411	332	821	478	343
Zoology, general	2,629	1,085	1,544	210	113	97	137	78	59
Entomology	80	43	37	138	82	56	130	95	35
Pathology, human and animal	6	2	4	50	20	30	110	59	51
Pharmacology, human and animal	59	21	38	81	36	45	231	127	104
Physiology, human and animal	515	213	302	264	160	104	213	119	94
Zoology, other	2	0	2	0	0	0	0	0	0
Biological sciences/life sciences, other	1,761	802	959	316	158	158	205	106	99
Business management, administrative services and marketing operations/marketing and distribution, total	257,709	129,664	128,045	112,258	67,544	44,714	1,196	814	382
Business management and administrative services, total	253,531	128,012	125,519	111,666	67,237	44,429	1,193	812	381
Business, general	24,117	12,474	11,643	9,535	6,037	3,498	260	183	77
Business administration and management, total	97,149	48,747	48,402	69,338	43,241	26,097	531	364	167
Office supervision and management	602	149	453	54	20	34	0	0	0
Operations management and supervision	2,218	1,505	713	1,564	1,099	465	7	6	1
Business administration and management, other	94,329	47,093	47,236	67,720	42,122	25,598	524	358	166
Accounting	35,211	13,949	21,262	5,063	2,348	2,715	36	21	15
Secretarial and related programs	226	42	184	68	25	43	0	0	0
Business/managerial economics	3,044	1,871	1,173	189	114	75	59	46	13
Small business management and ownership	577	336	241	304	154	150	0	0	0
Finance, general and banking and financial support services	24,068	15,537	8,531	5,507	3,751	1,756	40	30	10
Actuarial sciences	225	122	103	58	33	25	0	0	0
Insurance and risk management	472	267	205	198	146	52	3	2	1
Investments and securities and financial planning	413	213	200	340	226	114	0	0	0
Hospitality services management	6,145	2,750	3,395	434	206	228	13	9	4
Human resources management	4,942	1,639	3,303	2,753	918	1,835	23	15	8
Labor/personnel relations and studies	751	351	400	559	203	356	38	10	28
Organizational behavior studies	1,851	742	1,109	2,342	1,018	1,324	63	40	23
International business	3,998	1,833	2,165	3,241	1,997	1,244	14	10	4
Business information systems, total	16,362	10,197	6,165	4,396	2,781	1,615	14	11	3
Management information systems and data processing, general	14,594	8,949	5,645	3,494	2,214	1,280	12	9	3
Business information systems, other	1,768	1,248	520	902	567	335	2	2	0
Quantitative methods and management science, total	3,194	1,885	1,309	1,062	645	417	33	26	7
Business statistics	24	12	12	19	8	11	6	4	2
Management science, other	3,170	1,873	1,297	1,043	637	406	27	22	5
Marketing management and research	25,019	12,176	12,843	1,590	756	834	28	19	9
Real estate	457	322	135	215	156	59	1	1	0
Taxation	0	0	0	1,258	640	618	0	0	0
Consumer and personal services	369	229	140	2	0	2	0	0	0
Business management and administrative services, other	4,941	2,330	2,611	3,214	1,842	1,372	37	25	12
Marketing operations/marketing and distribution, total	4,178	1,652	2,526	592	307	285	3	2	1
Apparel and accessories marketing operations	936	47	889	0	1	2	1	0	1
Business and personal services marketing operations	10	1	9	0	0	0	0	0	0
General/retailing and wholesaling operations and skills	2,340	1,147	1,193	358	174	184	2	2	0
Transportation and travel marketing	146	40	106	7	3	4	0	0	0
Marketing and distribution, other	746	417	329	224	129	95	0	0	0
Communications and communications technologies, total	56,910	22,063	34,847	5,605	2,059	3,546	357	168	189
Communications, total	55,760	21,289	34,471	5,169	1,828	3,341	347	163	184
Communications, general	27,705	10,223	17,482	2,022	662	1,360	229	102	127
Advertising	3,146	1,092	2,054	256	89	167	3	0	3
Journalism	9,360	3,250	6,110	1,279	433	846	24	11	13
Broadcast journalism	632	260	372	21	3	18	0	0	0

Table 258.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1999–2000—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Public relations and organizational communications	3,023	863	2,160	165	32	133	0	0	0
Radio and television broadcasting	5,461	2,910	2,551	339	166	173	13	4	9
Communications, other	6,433	2,691	3,742	1,087	443	644	78	46	32
Communications technologies, total	1,150	774	376	436	231	205	10	5	5
Photographic technology	11	5	6	0	0	0	0	0	0
Radio and television technology	614	360	254	256	131	125	10	5	5
Communications technologies, other	525	409	116	180	100	80	0	0	0
Computer and information sciences, total	36,195	26,042	10,153	14,264	9,512	4,752	777	646	131
Computer and information sciences, general	21,843	16,261	5,582	9,192	6,300	2,892	577	493	84
Computer programming	372	252	120	117	85	32	1	1	0
Data processing technology/technician	205	128	77	5	4	1	0	0	0
Information science and systems	7,137	4,405	2,732	2,339	1,416	923	49	31	18
Computer systems analysis	165	122	43	88	50	38	0	0	0
Computer and information sciences, other	6,473	4,874	1,599	2,523	1,657	866	150	121	29
Education, total	108,168	26,124	82,044	124,240	29,321	94,919	6,830	2,419	4,411
Education, general	2,006	373	1,633	16,402	3,850	12,552	1,206	397	809
Bilingual/bicultural education	84	5	79	710	160	550	32	7	25
Curriculum and instruction	2	2	0	11,493	2,355	9,138	824	258	566
Education administration and supervision, total	35	9	26	15,115	5,942	9,173	2,265	884	1,381
Education administration and supervision, general	0	0	0	10,626	4,246	6,380	1,633	655	978
Administration of special education	0	0	0	27	7	20	6	2	4
Adult and continuing education administration	9	7	2	176	51	125	77	35	42
Educational supervision	0	0	0	871	297	574	46	13	33
Elementary, middle, and secondary education administration	15	0	15	2,302	959	1,343	41	15	26
Higher education administration	9	1	8	393	123	270	266	97	169
Community and junior college education administration	0	0	0	8	4	4	0	0	0
Education administration and supervision, other	2	1	1	712	255	457	196	67	129
Educational/instructional media design	88	28	60	1,967	535	1,432	53	26	27
Educational evaluation and research, general	0	0	0	20	10	10	26	10	16
Educational statistics and research methods	1	1	0	37	9	28	28	13	15
Educational assessment, testing and measurement	0	0	0	44	7	37	11	7	4
Social and philosophical foundations of education	106	27	79	398	115	283	130	58	72
Special education, total	9,660	1,018	8,642	11,879	1,726	10,153	210	33	177
Special education, general	7,253	793	6,460	9,156	1,371	7,785	166	23	143
Education of the deaf and hearing impaired	228	17	211	203	24	179	3	1	2
Education of the gifted and talented	10	0	10	173	15	158	3	0	3
Education of the emotionally handicapped	253	40	213	275	67	208	9	4	5
Education of the mentally handicapped	318	38	280	100	7	93	0	0	0
Education of the multiple handicapped	103	7	96	242	29	213	2	0	2
Education of the physically handicapped	33	3	30	33	6	27	0	0	0
Education of the blind and visually handicapped	22	2	20	28	5	23	0	0	0
Education of the specific learning disabled	475	43	432	722	76	646	16	2	14
Education of the speech impaired	586	26	560	295	15	280	0	0	0
Special education, other	379	49	330	652	111	541	11	3	8
Counselor education/counseling and guidance services	27	6	21	11,987	2,417	9,570	296	103	193
General teacher education, total	60,767	8,436	52,331	27,690	5,258	22,432	338	101	237
Adult and continuing education	55	30	25	913	248	665	112	33	79
Elementary education	47,844	5,990	41,854	14,187	1,809	12,378	67	13	54
Junior high/intermediate/middle school education	1,402	313	1,089	732	142	590	3	1	2
Pre-elementary/early childhood/kindergarten education	6,326	270	6,056	2,274	80	2,194	18	2	16
Secondary education	3,955	1,657	2,298	5,368	1,988	3,380	49	22	27
Teacher education, general programs, other	1,185	176	1,009	4,216	991	3,225	89	30	59
Teacher education, academic and vocational programs	33,786	15,557	18,229	17,490	5,102	12,388	654	284	370
Agricultural education (vocational)	580	338	242	290	130	160	32	17	15
Art education	1,768	390	1,378	633	105	528	28	5	23
Business education (vocational)	826	257	569	346	111	235	8	4	4
Driver and safety education	0	0	0	15	8	7	0	0	0
English education	2,521	552	1,969	792	183	609	16	4	12
Foreign languages education	245	46	199	345	62	283	13	6	7
Health education	1,898	496	1,402	630	153	477	70	17	53
Home economics education (vocational)	266	7	259	62	1	61	4	1	3
Technology/industrial arts education	1,088	875	213	474	281	193	8	6	2
Marketing operations/marketing and distribution education	57	24	33	3	2	1	0	0	0
Mathematics education	1,446	561	885	729	258	471	40	23	17
Music education	3,282	1,363	1,919	767	283	484	72	33	39
Physical education and coaching	12,425	6,945	5,480	3,021	1,677	1,344	142	85	57
Reading education	173	27	146	4,577	233	4,344	71	13	58
Science education	1,064	418	646	700	256	444	38	14	24
Social science education	828	482	346	124	67	57	1	1	0
Social studies education	1,929	1,156	773	572	323	249	3	2	1
Technical education (vocational)	182	111	71	209	73	136	37	17	20
Trade and industrial education (vocational)	1,088	711	377	377	166	211	26	16	10
Teacher education, academic and vocational programs, other	2,120	798	1,322	2,824	730	2,094	45	20	25

Table 258.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1999–2000—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Teaching English as a second language/foreign language	73	13	60	1,621	306	1,315	15	4	11
Education, other	1,533	649	884	7,387	1,529	5,858	742	234	508
Engineering and engineering-related technologies, total	72,555	59,145	13,410	26,522	20,968	5,554	5,390	4,555	835
Engineering, total	58,427	46,525	11,902	25,596	20,290	5,306	5,384	4,549	835
Engineering, general	1,838	1,465	373	1,236	982	254	202	179	23
Aerospace, aeronautical, and astronautical engineering	1,267	1,029	238	560	484	76	203	179	24
Agricultural engineering	759	551	208	176	115	61	68	56	12
Architectural engineering	570	423	147	64	50	14	0	0	0
Bioengineering and biomedical engineering	1,256	748	508	505	335	170	204	143	61
Ceramic sciences and engineering	141	98	43	55	39	16	25	17	8
Chemical engineering	5,807	3,730	2,077	1,078	784	294	590	466	124
Civil engineering	8,136	6,263	1,873	3,433	2,598	835	543	453	90
Computer engineering	4,488	3,939	549	1,400	1,019	381	123	106	17
Electrical, electronics, and communications engineering	12,930	11,169	1,761	6,926	5,752	1,174	1,392	1,222	170
Engineering mechanics	70	50	20	99	85	14	45	39	6
Engineering physics	268	223	45	31	22	9	22	21	1
Engineering science	255	173	82	288	227	61	56	44	12
Environmental/environmental health engineering	655	403	252	624	402	222	85	60	25
Geological engineering	156	101	55	42	28	14	8	6	2
Geophysical engineering	25	20	5	7	3	4	1	1	0
Industrial/manufacturing engineering	3,507	2,376	1,131	2,024	1,554	470	193	155	38
Material engineering	525	361	164	555	405	150	324	264	60
Mechanical engineering	12,807	11,079	1,728	3,273	2,832	441	776	693	83
Metallurgical engineering	210	172	38	70	60	10	51	47	4
Mining and mineral engineering	152	132	20	39	31	8	8	8	0
Naval architecture and marine engineering	241	213	28	28	25	3	3	3	0
Nuclear engineering	125	102	23	126	101	25	93	84	9
Ocean engineering	122	90	32	75	65	10	17	15	2
Petroleum engineering	260	209	51	163	144	19	44	38	6
Systems engineering	459	364	95	566	445	121	45	34	11
Textile sciences and engineering	189	112	77	53	34	19	14	11	3
Engineering, other	1,209	930	279	2,100	1,669	431	249	205	44
Engineering-related technologies, total	14,128	12,620	1,508	926	678	248	6	6	0
Architectural engineering technologies	569	495	74	0	0	0	0	0	0
Civil technologies	394	356	38	0	0	0	0	0	0
Electrical and electronic technologies	3,876	3,558	318	12	10	2	0	0	0
Electromechanical instrumentation and maintenance technologies	511	452	59	0	0	0	1	1	0
Environmental control technologies	152	113	39	156	109	47	0	0	0
Industrial production technologies	3,576	3,103	473	304	231	73	2	2	0
Quality control and safety technologies	475	373	102	203	133	70	0	0	0
Mechanical and related technologies	1,455	1,340	115	0	0	0	0	0	0
Mining and petroleum technologies	7	7	0	0	0	0	0	0	0
Surveying	142	123	19	20	17	3	3	3	0
Mechanics and repairers	70	64	6	0	0	0	0	0	0
Construction trades	186	170	16	12	7	5	0	0	0
Engineering and related technologies, other	2,715	2,466	249	249	171	48	0	0	0
English language and literature/letters, total	50,920	16,341	34,579	7,230	2,393	4,837	1,628	671	957
English language and literature, general	37,674	11,734	25,940	4,542	1,495	3,047	1,205	512	693
Comparative literature	814	217	597	208	78	130	158	60	98
English composition	317	98	219	12	1	11	5	1	4
English creative writing	1,109	422	687	1,367	516	851	19	9	10
American literature (United States)	33	10	23	4	2	2	13	5	8
English literature (British and Commonwealth)	1,161	380	781	209	57	152	50	16	34
Speech and rhetorical studies	8,340	3,024	5,316	597	169	428	120	43	77
English technical and business writing	278	77	201	228	57	171	3	2	1
English language and literature/letters, other	1,194	379	815	63	18	45	55	23	32
Foreign languages and literatures, total	14,968	4,375	10,593	2,780	845	1,935	915	375	540
Foreign languages and literatures, total	1,760	512	1,248	761	199	562	249	102	147
Foreign languages and literatures, general	1,044	286	758	209	53	156	47	16	31
Linguistics	716	226	490	552	146	406	202	86	116
East and Southeast Asian languages and literatures, total	588	290	298	98	46	52	40	25	15
Chinese	183	77	106	18	10	8	15	9	6
Japanese	321	167	154	36	7	29	7	3	4
East and Southeast Asian languages, other	84	46	38	44	29	15	18	13	5
East European languages and literatures, total	371	165	206	83	31	52	40	15	25
Russian languages	340	153	187	33	12	21	10	4	6
Slavic languages (other than Russian)	27	11	16	44	17	27	27	9	18
East European languages, other	4	1	3	6	2	4	3	2	1

Table 258.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1999–2000—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Germanic languages and literatures, total	1,165	473	692	204	73	131	84	36	48
German	1,125	457	668	184	64	120	76	33	43
Scandinavian languages	27	11	16	4	1	3	1	0	1
Germanic languages, other	13	5	8	16	8	8	7	3	4
South Asian languages and literatures	8	3	5	2	1	1	5	3	2
Romance languages and literatures, total	9,941	2,422	7,519	1,234	328	906	375	128	247
French	2,514	487	2,027	343	79	264	129	36	93
Italian	237	49	188	48	14	34	13	5	8
Portuguese	33	14	19	8	4	4	2	2	0
Spanish	7,031	1,849	5,182	718	199	519	175	71	104
Romance languages, other	126	23	103	117	32	85	56	14	42
Middle Eastern languages and literatures, total	55	27	28	70	32	38	23	14	9
Arabic	6	2	4	4	1	3	5	5	0
Hebrew	21	6	15	35	18	17	9	4	5
Middle East languages, other	28	19	9	31	13	18	9	5	4
Classical and ancient Near East languages and literatures, total	843	404	439	159	82	77	56	32	24
Classics	738	358	380	141	76	65	55	32	23
Greek (ancient and medieval)	26	13	13	8	3	5	0	0	0
Latin (ancient and medieval)	79	33	46	10	3	7	1	0	1
Foreign languages, other	237	79	158	169	53	116	43	20	23
Health professions and related sciences, total	78,458	12,727	65,731	42,456	9,624	32,832	2,676	1,038	1,638
Communication disorders sciences and services	6,835	308	6,527	5,783	304	5,479	251	90	161
Community health liaison	959	207	752	216	39	177	4	1	3
Dentistry	0	0	0	436	292	144	27	17	10
Dental services	1,101	38	1,063	31	8	23	0	0	0
Epidemiology	5	1	4	409	155	254	116	39	77
Health services administration, total	4,111	916	3,195	4,366	1,508	2,858	77	37	40
Health services administration	2,216	527	1,689	2,994	1,034	1,960	62	32	30
Medical records administration	623	68	555	7	1	6	0	0	0
Medical records technology/technician	1	0	1	8	6	2	2	1	1
Health and medical administrative services, other	1,271	321	950	1,357	467	890	13	4	9
Health and medical assistants, total	2,131	807	1,324	1,654	721	933	0	0	0
Medical assistant	3	1	2	0	0	0	0	0	0
Physician assistant	1,914	766	1,148	1,619	703	916	0	0	0
Health and medical assistants, other	214	40	174	35	18	17	0	0	0
Health and medical diagnostic and treatment services, total	1,953	641	1,312	74	42	32	2	1	1
Respiratory therapy technology/technician	510	164	346	4	2	2	0	0	0
Health and medical diagnostic and treatment services, other	1,443	477	966	70	40	30	2	1	1
Medical laboratory technologies, total	2,190	592	1,598	501	167	334	106	40	66
Medical technology	1,884	495	1,389	62	24	38	2	1	1
Health and medical laboratory technologies/technicians, other	306	97	209	439	143	296	104	39	65
Pre-dentistry studies	130	72	58	0	0	0	0	0	0
Pre-medicine studies	584	308	276	0	0	0	0	0	0
Pre-pharmacy studies	8	2	6	0	0	0	0	0	0
Pre-veterinary studies	221	54	167	0	0	0	0	0	0
Medical basic sciences	548	147	401	510	250	260	567	312	255
Mental health services, total	642	96	546	591	112	479	6	2	4
Alcohol/drug abuse counseling	61	19	42	70	15	55	0	0	0
Psychiatric/mental health services technician	115	15	100	14	1	13	0	0	0
Clinical and medical social work	114	14	100	70	15	55	5	2	3
Mental health services, other	352	48	304	437	81	356	1	0	1
Nursing	39,452	3,830	35,622	11,527	1,164	10,363	469	14	455
Optometry	15	6	9	90	59	31	2	1	1
Pharmacy	3,267	1,225	2,042	314	140	174	256	137	119
Rehabilitation/therapeutic services, total	8,204	1,682	6,522	9,072	2,453	6,619	196	64	132
Art therapy	82	0	82	229	23	206	0	0	0
Dance therapy	2	0	2	35	3	32	0	0	0
Music therapy	217	26	191	41	11	30	0	0	0
Occupational therapy	3,895	548	3,347	1,868	222	1,646	8	1	7
Orthotics/prosthetics	25	15	10	0	0	0	0	0	0
Physical therapy	2,439	758	1,681	5,925	1,978	3,947	159	54	105
Recreational therapy	299	48	251	3	1	2	0	0	0
Vocational rehabilitation counseling	186	30	156	438	97	341	12	5	7
Rehabilitative services, other	1,059	257	802	533	118	415	17	4	13
Veterinary medicine	0	0	0	164	72	92	111	63	48
Miscellaneous health professions	583	237	346	1,287	495	792	44	25	19
Health professions and related sciences, other	5,519	1,558	3,961	5,431	1,643	3,788	442	195	247
Home economics and vocational home economics, total	17,779	2,160	15,619	2,830	457	2,373	357	83	274
Home economics, total	17,328	1,962	15,366	2,778	456	2,322	357	83	274
Home economics, general	2,751	243	2,508	367	27	340	55	10	45
Home economics business services	45	8	37	3	0	3	0	0	0
Family and community studies	454	63	391	96	15	81	0	0	0
Family and consumer resource management	1,589	481	1,108	77	15	62	10	4	6
Food and nutrition studies	3,959	502	3,457	642	86	556	48	7	41

Table 258.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1999–2000—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Housing studies	370	61	309	16	4	12	3	0	3
Individual and family development studies	6,421	500	5,921	1,489	296	1,193	210	57	153
Clothing/apparel and textile studies	1,531	94	1,437	74	10	64	19	4	15
Home economics, other	208	10	198	14	3	11	12	1	11
Vocational home economics, total	451	198	253	52	1	51	0	0	0
Child care and guidance management	114	6	108	46	0	46	0	0	0
Vocational home economics, other	337	192	145	6	1	5	0	0	0
Law and legal studies, total	1,925	520	1,405	3,750	2,192	1,558	74	49	25
Pre-law studies	150	68	82	0	0	0	0	0	0
Paralegal/legal assistant	992	146	846	58	10	48	0	0	0
Law and legal studies, other	783	306	477	3,692	2,182	1,510	74	49	25
Liberal arts and sciences, general studies, and humanities, total	36,104	12,250	23,854	3,256	1,143	2,113	83	41	42
Liberal arts and sciences/liberal studies	22,317	6,503	15,814	1,925	706	1,219	17	11	6
Humanities/humanistic studies	2,624	818	1,806	709	239	470	58	24	34
Liberal arts and sciences, general studies, other	11,163	4,929	6,234	622	198	424	8	6	2
Library science, total	154	77	77	4,577	947	3,630	68	19	49
Library science/librarianship	154	77	77	4,450	916	3,534	61	16	45
Library science, other	0	0	0	127	31	96	7	3	4
Mathematics, total	12,070	6,382	5,688	3,412	1,881	1,531	1,106	830	276
Mathematics	10,099	5,174	4,925	1,984	1,074	910	728	573	155
Applied mathematics, total	1,389	886	503	544	344	200	131	99	32
Applied mathematics, general and other	737	459	278	132	212	128	100	72	28
Operations research (quantitative methods)	652	427	225	212	132	72	31	27	4
Mathematical statistics	380	195	185	781	393	388	220	139	81
Mathematics, other	202	127	75	103	70	33	27	19	8
Multi/interdisciplinary studies, total	27,460	9,136	18,324	3,064	1,173	1,891	384	203	181
Biological and physical sciences	2,417	1,128	1,289	343	159	184	24	18	6
Systems science and theory	76	44	32	130	57	73	18	13	5
Museology/museum studies	5	1	4	146	21	125	0	0	0
Multi/interdisciplinary studies, other	24,962	7,963	16,999	2,445	936	1,509	342	172	170
Parks, recreation, leisure, and fitness studies, total	19,111	9,170	9,941	2,478	1,238	1,240	134	75	59
Parks, recreation and leisure studies	2,608	1,193	1,415	204	82	122	15	8	7
Parks, recreation and leisure facilities management	2,915	1,291	1,624	215	84	131	18	10	8
Health and physical education/fitness	13,431	6,598	6,833	2,036	1,061	975	97	55	42
Parks, recreation, leisure and fitness studies, other	157	88	69	23	11	12	4	2	2
Philosophy and religion, total	8,366	5,228	3,138	1,329	827	502	586	381	205
Philosophy	4,770	3,269	1,501	581	423	158	355	248	107
Religion/religious studies	3,229	1,736	1,493	548	301	247	217	120	97
Philosophy and religion, other	367	223	144	200	103	97	14	13	1
Physical sciences and science technologies, total	18,385	10,972	7,413	4,841	3,126	1,715	4,018	2,994	1,024
Physical sciences, total	18,213	10,871	7,342	4,823	3,111	1,712	4,016	2,992	1,024
Physical sciences, general	323	178	145	58	38	20	5	4	1
Astronomy	99	69	30	79	57	22	82	58	24
Astrophysics	61	37	24	23	20	3	19	18	1
Atmospheric science and meteorology	490	376	114	156	119	37	87	70	17
Chemistry, total	10,043	5,377	4,666	1,888	1,078	810	2,083	1,421	662
Chemistry, general	9,721	5,193	4,528	1,748	1,006	742	1,893	1,295	598
Analytical chemistry	0	0	0	31	19	12	16	14	2
Inorganic chemistry	0	0	0	0	0	0	4	4	0
Organic chemistry	7	5	2	15	10	5	8	6	2
Medicinal/pharmaceutical chemistry	54	26	28	31	12	19	55	35	20
Chemistry, other	261	153	108	63	31	32	107	67	40
Geological and related sciences, total	2,802	1,616	1,186	944	586	358	310	223	87
Geology	2,515	1,473	1,042	801	492	309	242	174	68
Geochemistry	5	2	3	7	4	3	3	1	2
Geophysics and seismology	60	32	28	70	49	21	37	27	10
Geological and related sciences, other	222	109	113	66	41	25	28	21	7
Miscellaneous physical sciences, total	774	448	326	299	150	149	195	129	66
Metallurgy	0	0	0	1	1	0	0	0	0
Oceanography	170	87	83	85	43	42	99	70	29
Earth and planetary sciences	544	326	218	157	81	76	83	50	33
Miscellaneous physical sciences, other	60	35	25	56	25	31	13	9	4
Physics, total	3,342	2,622	720	1,232	991	241	1,208	1,050	158
Physics, general	3,235	2,538	697	1,136	909	227	1,125	976	149

Table 258.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1999–2000—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Physics, other	107	84	23	96	82	14	83	74	9
Physical sciences, other	279	148	131	144	72	72	27	19	8
Science technologies, total	172	101	71	18	15	3	2	2	0
Precision production trades, total	393	281	112	5	3	2	0	0	0
Drafting, general	93	81	12	0	0	0	0	0	0
Precision production trades, other	300	200	100	5	3	2	0	0	0
Protective services, total	24,877	14,069	10,808	2,609	1,534	1,075	52	28	24
Criminal justice and corrections, total	24,488	13,717	10,771	2,567	1,498	1,069	52	28	24
Corrections/correctional administration	595	283	312	40	20	20	0	0	0
Criminal justice/law enforcement administration	7,167	4,052	3,115	1,087	687	400	4	3	1
Criminal justice studies	14,201	7,769	6,432	1,240	715	525	48	25	23
Forensic studies	71	25	46	123	36	87	0	0	0
Law enforcement/police science	1,597	1,131	466	62	32	30	0	0	0
Criminal justice, other	857	457	400	15	8	7	0	0	0
Fire control and safety	369	347	22	35	30	5	0	0	0
Protective services, other	20	5	15	7	6	1	0	0	0
Psychology, total	74,060	17,430	56,630	14,465	3,552	10,913	4,310	1,405	2,905
Psychology, general	68,745	16,193	52,552	4,453	1,211	3,242	1,610	588	1,022
Clinical psychology	105	20	85	1,478	357	1,121	1,801	533	1,268
Counseling psychology	382	90	292	4,834	1,014	3,820	293	92	201
Developmental and child psychology	795	91	704	147	21	126	65	11	54
Experimental psychology	246	60	186	45	18	27	44	24	20
Industrial and organizational psychology	179	44	135	1,109	411	698	101	45	56
Physiological psychology/psychobiology	254	85	169	9	4	5	18	6	12
Social psychology	860	193	667	194	31	163	52	15	37
School psychology	0	0	0	813	139	674	167	46	121
Psychology, other	2,494	654	1,840	1,383	346	1,037	159	45	114
Public administration and services, total	20,185	3,816	16,369	25,594	6,808	18,786	537	227	310
Public administration	2,259	1,064	1,195	7,519	3,594	3,925	167	99	68
Community organization, resources and services	2,048	446	1,602	415	122	293	8	1	7
Public policy analysis	619	269	350	860	403	457	94	48	46
Social work	14,617	1,889	12,928	16,108	2,423	13,685	257	75	182
Public affairs, other	442	148	294	692	266	426	11	4	7
R.O.T.C. and military technologies, total	7	6	1	0	0	0	0	0	0
Social sciences and history, total	127,101	62,062	65,039	14,066	7,024	7,042	4,095	2,407	1,688
Social sciences, general	7,520	2,980	4,540	609	251	358	50	28	22
Anthropology	6,917	2,273	4,644	924	349	575	453	198	255
Archeology	122	36	86	26	14	12	18	7	11
Criminology	3,091	1,695	1,396	190	98	92	16	4	12
Demography and population studies	2	1	1	32	11	21	7	4	3
Economics	18,441	12,316	6,125	2,168	1,353	815	851	625	226
Geography, total	4,042	2,590	1,452	770	468	302	200	134	66
Geography	3,951	2,518	1,433	757	456	301	200	134	66
Cartography	91	72	19	13	12	1	0	0	0
History	25,247	14,866	10,381	2,573	1,444	1,129	984	603	381
International relations and affairs	5,208	1,949	3,259	2,225	1,135	1,090	54	36	18
Political science and government, general	27,635	14,544	13,091	1,627	877	750	693	449	244
Sociology	25,598	7,629	17,969	1,996	636	1,360	595	244	351
Urban affairs/studies	643	257	386	318	149	169	49	27	22
Social sciences and history, other	2,635	926	1,709	608	239	369	125	48	77
Theological studies/religious vocations, total	6,809	4,791	2,018	5,576	3,352	2,224	1,643	1,307	336
Biblical and other theological languages and literatures	20	17	3	42	21	21	13	11	2
Bible/biblical studies	2,000	1,386	614	393	266	127	18	16	2
Missions/missionary studies and misology	261	134	127	320	180	140	70	60	10
Religious education	919	462	457	823	447	376	63	48	15
Religious/sacred music	174	88	86	128	83	45	9	5	4
Theology/theological studies	2,692	2,248	444	2,939	1,903	1,036	1,107	921	186
Pastoral counseling and specialized ministries	358	224	134	605	267	338	161	119	42
Theological studies and religious vocations, other	385	232	153	326	185	141	202	127	75
Transportation and material moving workers, total	3,395	2,985	410	697	629	68	0	0	0
Air transportation workers	3,192	2,805	387	697	629	68	0	0	0
Water transportation workers	186	167	19	0	0	0	0	0	0
Transportation and material moving, other	17	13	4	0	0	0	0	0	0
Visual and performing arts, total	58,791	24,003	34,788	10,918	4,672	6,246	1,127	537	590

Table 258.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1999–2000—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Visual and performing arts, general	1,675	666	1,009	115	42	73	10	5	5
Crafts, folk art, and artisanry	156	54	102	5	1	4	0	0	0
Dance	1,294	108	1,186	162	21	141	12	1	11
Design and applied art	10,044	4,227	5,817	920	382	538	0	0	0
Dramatic/theater arts and stagecraft	7,541	2,973	4,568	1,415	615	800	72	33	39
Film/video and photographic arts, total	4,106	2,450	1,656	722	380	342	12	8	4
Film-video making/cinematography and production	1,585	1,047	538	426	236	190	3	2	1
Photography	983	377	606	143	56	87	4	4	0
Film arts, other	1,538	1,026	512	153	88	65	5	2	3
Fine arts and art studies, total	22,773	8,039	14,734	3,301	1,232	2,069	232	71	161
Art, general	11,871	4,411	7,460	827	328	499	21	7	14
Art history, criticism and conservation	2,450	420	2,030	564	101	463	195	56	139
Arts management	224	52	172	158	29	129	4	0	4
Painting	715	289	426	188	93	95	0	0	0
Ceramic arts and ceramics	216	74	142	51	24	27	0	0	0
Fiber, textile and weaving arts	95	5	90	39	6	33	4	2	2
Metal and jewelry arts	94	16	78	19	6	13	0	0	0
Fine arts and art studies, other	7,108	2,772	4,336	1,455	645	810	8	6	2
Music, total	10,576	5,214	5,362	3,871	1,843	2,028	765	411	354
Music, general	5,449	2,541	2,908	1,300	619	681	299	176	123
Music history and literature	88	35	53	52	20	32	21	6	15
Music, general performance	3,181	1,547	1,634	1,864	881	983	292	132	160
Music theory and composition	337	233	104	150	105	45	58	37	21
Music, other	1,521	858	663	505	218	287	95	60	35
Visual and performing arts, other	626	272	354	407	156	251	24	8	16
Not classified by field of study	2,398	937	1,461	1,802	681	1,121	71	32	39

NOTE: Aggregations by field of study derived from the Classification of Instructional Programs developed by the National Center for Education Statistics.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared June 2001.)

Table 259.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1998–99

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
All fields	**1,200,303**	**518,746**	**681,557**	**439,986**	**186,148**	**253,838**	**44,077**	**25,146**	**18,931**
Agriculture and natural resources, total	23,930	13,873	10,057	4,417	2,381	2,036	1,248	869	379
Agricultural business and production, total	5,461	3,662	1,799	562	362	200	205	152	53
Agricultural business and management, total	3,571	2,434	1,137	446	290	156	172	127	45
Agricultural business and management, general	873	579	294	72	50	22	0	0	0
Agricultural business/agribusiness operations	1,168	806	362	20	13	7	0	0	0
Agricultural economics	1,158	788	370	349	222	127	172	127	45
Agricultural business and management, other	372	261	111	5	5	0	0	0	0
Agricultural mechanization	242	218	24	3	3	0	0	0	0
Agricultural production workers and managers	237	142	95	38	27	11	11	9	2
Horticulture service operations and management	671	440	231	31	17	14	11	8	3
International agriculture	14	8	6	5	1	4	0	0	0
Agricultural business and production, other	726	420	306	39	24	15	11	8	3
Agricultural sciences, total	8,399	4,309	4,090	1,550	796	754	697	483	214
Agriculture/agricultural sciences, general	1,316	850	466	170	102	68	2	2	0
Animal sciences, total	3,938	1,625	2,313	415	206	209	169	112	57
Animal sciences, general	3,445	1,393	2,052	320	157	163	122	82	40
Agricultural animal breeding and genetics	35	19	16	5	2	3	13	9	4
Agricultural animal health	2	0	2	6	5	1	0	0	0
Agricultural animal nutrition	0	0	0	8	4	4	4	3	1
Dairy science	87	43	44	19	13	6	5	2	3
Poultry science	125	82	43	28	14	14	9	6	3
Animal sciences, other	244	88	156	29	11	18	16	10	6
Food sciences and technology	649	234	415	297	106	191	144	73	71
Plant sciences, total	2,099	1,382	717	515	299	216	310	240	70
Plant sciences, general	424	288	136	59	31	28	49	33	16
Agronomy and crop science	644	513	131	209	133	76	150	122	28
Horticulture science	773	397	376	151	76	75	64	46	18
Plant breeding and genetics	0	0	0	11	7	4	7	6	1
Agricultural plant pathology	14	9	5	7	4	3	7	7	0
Plant protection (pest management)	41	30	11	16	10	6	3	3	0
Range science and management	91	58	33	44	25	19	20	14	6
Plant sciences, other	112	87	25	18	13	5	10	9	1
Soil sciences	129	85	44	94	54	40	64	50	14
Agriculture/agricultural sciences, other	268	133	135	59	29	30	8	6	2
Conservation and renewable natural resources, total	10,070	5,902	4,168	2,305	1,223	1,082	346	234	112
Natural resources conservation, general	5,849	3,034	2,815	1,285	607	678	150	93	57
Natural resources management and policy	651	428	223	193	104	89	3	2	1
Fishing and fisheries sciences and management	179	137	42	83	62	21	23	16	7
Forest harvesting and production technology/technician	196	142	54	16	13	3	15	14	1
Forestry, general	1,548	1,179	369	489	295	194	117	80	37
Wildlife and wildlands management	1,177	717	460	168	99	69	21	16	5
Conservation and renewable natural resources, other	470	265	205	71	43	28	17	13	4
Architecture and related programs, total	8,246	5,157	3,089	4,172	2,394	1,778	123	80	43
Architecture	4,888	3,337	1,551	2,238	1,406	832	51	36	15
City/urban, community, and regional planning	437	289	148	1,291	685	606	57	33	24
Architectural environmental design	709	440	269	28	8	20	0	0	0
Interior architecture	687	108	579	14	3	11	0	0	0
Landscape architecture	929	618	311	341	145	196	0	0	0
Architectural urban design and planning	0	0	0	78	49	29	4	4	0
Architecture and related programs, other	596	365	231	182	98	84	11	7	4
Area, ethnic, and cultural studies, total	6,252	2,023	4,229	1,500	600	900	197	90	107
Area studies, total	3,625	1,370	2,255	1,068	466	602	147	73	74
African studies	24	5	19	14	7	7	6	6	0
American studies/civilization	1,493	543	950	214	70	144	78	32	46
Latin American studies	444	143	301	221	99	122	11	3	8
Middle Eastern studies	104	52	52	83	42	41	22	12	10
Russian and Slavic studies	101	35	66	78	31	47	1	1	0
Asian studies	813	357	456	266	138	128	23	17	6
European studies	134	33	101	70	21	49	2	0	2
Area studies, other	512	202	310	122	58	64	4	2	2
Ethnic and cultural studies, total	1,879	378	1,501	205	52	153	26	10	16
Afro-American (black) studies	630	186	444	84	34	50	10	3	7
Hispanic-American studies	214	76	138	16	6	10	0	0	0
Women's studies	726	12	714	65	2	63	2	0	2
Ethnic studies, other	309	104	205	40	10	30	14	7	7
Area, ethnic and cultural studies, other	748	275	473	227	82	145	24	7	17
Biological sciences/life sciences, total	65,014	28,254	36,760	6,192	2,839	3,353	4,619	2,669	1,950
Biology, general	46,078	19,402	26,676	2,608	1,204	1,404	711	409	302

Table 259.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1998–99—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Biochemistry and biophysics	3,978	2,094	1,884	330	158	172	624	370	254
Botany, total	417	180	237	210	108	102	235	155	80
Botany, general	363	156	207	118	59	59	122	87	35
Plant pathology	1	1	0	75	39	36	80	52	28
Botany, other	53	23	30	17	10	7	33	16	17
Cell and molecular biology, total	2,491	1,235	1,256	250	109	141	585	329	256
Cell biology	299	159	140	43	18	25	162	90	72
Molecular biology	705	371	334	122	53	69	247	137	110
Cell and molecular biology, other	1,487	705	782	85	38	47	176	102	74
Microbiology/bacteriology	2,768	1,308	1,460	355	153	202	365	209	156
Miscellaneous biological specializations, total	3,921	1,559	2,362	1,411	536	875	1,077	602	475
Anatomy	101	64	37	66	37	29	60	35	25
Ecology	997	455	542	169	86	83	112	66	46
Marine/aquatic biology	831	318	513	94	40	54	42	24	18
Neurosciences	458	205	253	49	31	18	238	139	99
Nutritional sciences	506	70	436	339	56	283	75	28	47
Toxicology	69	26	43	70	29	41	84	49	35
Genetics, plant and animal	302	122	180	142	43	99	213	111	102
Biometrics	17	8	9	43	23	20	30	23	7
Miscellaneous specialized areas, other	640	291	349	439	191	248	223	127	96
Zoology, total	3,507	1,607	1,900	739	408	331	800	477	323
Zoology, general	2,720	1,232	1,488	219	106	113	147	94	53
Entomology	104	53	51	142	82	60	114	78	36
Pathology, human and animal	9	3	6	46	27	19	97	56	41
Pharmacology, human and animal	72	38	34	94	44	50	247	136	111
Physiology, human and animal	597	279	318	238	149	89	195	113	82
Zoology, other	5	2	3	0	0	0	0	0	0
Biological sciences/life sciences, other	1,854	869	985	289	163	126	222	118	104
Business management, administrative services and marketing operations/marketing and distribution, total	242,236	123,158	119,078	108,085	65,113	42,972	1,202	844	358
Business management and administrative services, total	238,074	121,488	116,586	107,497	64,811	42,686	1,198	844	354
Business, general	22,901	11,781	11,120	10,725	6,812	3,913	207	148	59
Business administration and management, total	89,768	45,482	44,286	65,328	40,450	24,878	638	466	172
Office supervision and management	607	138	469	46	18	28	0	0	0
Operations management and supervision	1,901	1,313	588	2,804	1,598	1,206	10	10	0
Business administration and management, other	87,260	44,031	43,229	62,478	38,834	23,644	628	456	172
Accounting	37,362	15,521	21,841	4,789	2,231	2,558	45	29	16
Secretarial and related programs	313	70	243	69	28	41	0	0	0
Business/managerial economics	2,868	1,766	1,102	189	118	71	50	36	14
Small business management and ownership	508	327	181	115	66	49	0	0	0
Finance, general and banking and financial support services	22,850	14,970	7,880	5,425	3,764	1,661	37	27	10
Actuarial sciences	244	139	105	85	49	36	0	0	0
Insurance and risk management	524	307	217	184	136	48	7	6	1
Investments and securities and financial planning	392	235	157	359	250	109	0	0	0
Hospitality services management	5,792	2,601	3,191	432	188	244	2	1	1
Human resources management	4,797	1,764	3,033	2,365	699	1,666	32	15	17
Labor/personnel relations and studies	715	353	362	605	248	357	21	13	8
Organizational behavior studies	1,591	690	901	1,487	673	814	40	18	22
International business	3,765	1,859	1,906	3,538	2,112	1,426	6	6	0
Business information systems, total	12,563	7,817	4,746	3,945	2,534	1,411	5	4	1
Management information systems and data processing, general	11,192	6,836	4,356	3,107	1,984	1,123	4	3	1
Business information systems, other	1,371	981	390	838	550	288	1	1	0
Quantitative methods and management science, total	2,560	1,530	1,030	1,223	784	439	35	24	11
Business statistics	22	16	6	17	7	10	10	3	7
Management science, other	2,538	1,514	1,024	1,206	777	429	25	21	4
Marketing management and research	23,058	11,583	11,475	1,976	986	990	30	18	12
Real estate	397	277	120	193	147	46	0	0	0
Taxation	29	2	27	1,349	742	607	0	0	0
Consumer and personal services	347	198	149	0	0	0	0	0	0
Business management and administrative services, other	4,730	2,216	2,514	3,116	1,794	1,322	43	33	10
Marketing operations/marketing and distribution, total	4,162	1,670	2,492	588	302	286	4	0	4
Apparel and accessories marketing operations	951	55	896	0	1	1	4	0	4
Business and personal services marketing operations	76	33	43	0	0	0	0	0	0
General/retailing and wholesaling operations and skills	2,219	1,107	1,112	316	157	159	0	0	0
Transportation and travel marketing	198	62	136	24	8	16	0	0	0
Marketing and distribution, other	718	413	305	246	136	110	0	0	0
Communications and communications technologies, total	52,319	20,861	31,458	5,618	2,032	3,586	352	183	169
Communications, total	51,384	20,298	31,086	5,293	1,847	3,446	347	181	166
Communications, general	24,743	9,474	15,269	2,168	724	1,444	220	117	103
Advertising	2,847	1,058	1,789	208	78	130	5	3	2
Journalism	9,141	3,284	5,857	1,256	407	849	32	17	15
Broadcast journalism	622	250	372	22	5	17	0	0	0

Table 259.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1998–99—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Public relations and organizational communications	2,714	772	1,942	225	46	179	0	0	0
Radio and television broadcasting	5,413	2,933	2,480	308	136	172	11	3	8
Communications, other	5,904	2,527	3,377	1,106	451	655	79	41	38
Communications technologies, total	935	563	372	325	185	140	5	2	3
Photographic technology	8	2	6	0	0	0	0	0	0
Radio and television technology	622	350	272	165	90	75	5	2	3
Communications technologies, other	305	211	94	160	95	65	0	0	0
Computer and information sciences, total	29,345	21,392	7,953	12,250	8,458	3,792	800	649	151
Computer and information sciences, general	17,887	13,557	4,330	8,162	5,768	2,394	610	509	101
Computer programming	234	171	63	90	58	32	0	0	0
Data processing technology/technician	214	123	91	0	0	0	0	0	0
Information science and systems	5,622	3,508	2,114	2,133	1,350	783	50	29	21
Computer systems analysis	117	94	23	61	40	21	3	3	0
Computer and information sciences, other	5,271	3,939	1,332	1,804	1,242	562	137	108	29
Education, total	107,172	26,226	80,946	119,427	28,263	91,164	6,841	2,423	4,418
Education, general	1,909	346	1,563	15,224	3,576	11,648	1,101	384	717
Bilingual/bicultural education	91	4	87	612	154	458	51	15	36
Curriculum and instruction	2	1	1	10,270	2,022	8,248	897	248	649
Education administration and supervision, total	43	12	31	14,382	5,631	8,751	2,315	919	1,396
Education administration and supervision, general	1	0	1	10,103	4,013	6,090	1,695	668	1,027
Administration of special education	0	0	0	9	1	8	3	0	3
Adult and continuing education administration	13	10	3	199	48	151	93	44	49
Educational supervision	0	0	0	786	272	514	39	9	30
Elementary, middle, and secondary education administration	16	0	16	2,238	929	1,309	58	17	41
Higher education administration	4	0	4	495	162	333	273	122	151
Community and junior college education administration	0	0	0	13	5	8	2	1	1
Education administration and supervision, other	9	2	7	539	201	338	152	58	94
Educational/instructional media design	48	18	30	1,890	595	1,295	39	23	16
Educational evaluation and research, general	0	0	0	32	13	19	26	15	11
Educational statistics and research methods	0	0	0	31	11	20	34	13	21
Educational assessment, testing and measurement	0	0	0	68	17	51	11	5	6
Social and philosophical foundations of education	75	12	63	281	71	210	84	37	47
Special education, total	9,646	1,052	8,594	12,267	1,795	10,472	200	44	156
Special education, general	6,820	791	6,029	9,826	1,501	8,325	163	34	129
Education of the deaf and hearing impaired	286	18	268	197	26	171	2	0	2
Education of the gifted and talented	9	1	8	200	15	185	2	1	1
Education of the emotionally handicapped	318	44	274	265	62	203	0	0	0
Education of the mentally handicapped	442	45	397	84	9	75	1	0	1
Education of the multiple handicapped	131	15	116	264	32	232	2	2	0
Education of the physically handicapped	41	4	37	64	9	55	2	1	1
Education of the blind and visually handicapped	17	1	15	26	1	25	0	0	0
Education of the specific learning disabled	587	65	522	649	66	583	15	4	11
Education of the speech impaired	599	21	578	269	7	262	0	0	0
Special education, other	396	47	349	423	67	356	13	2	11
Counselor education/counseling and guidance services	43	10	33	12,453	2,584	9,869	341	123	218
General teacher education, total	59,989	8,536	51,453	27,376	5,163	22,213	358	105	253
Adult and continuing education	41	10	31	842	234	608	137	36	101
Elementary education	47,105	6,118	40,987	13,904	1,773	12,131	54	11	43
Junior high/intermediate/middle school education	1,401	289	1,112	834	177	657	3	0	3
Pre-elementary/early childhood/kindergarten education	6,524	250	6,274	2,186	78	2,108	39	1	38
Secondary education	3,893	1,704	2,189	5,274	1,944	3,330	44	26	18
Teacher education, general programs, other	1,025	165	860	4,336	957	3,379	81	31	50
Teacher education, academic and vocational programs	33,914	15,699	18,215	16,840	5,014	11,826	669	267	402
Agricultural education (vocational)	519	293	226	293	135	158	44	22	22
Art education	1,577	334	1,243	661	120	541	26	9	17
Business education (vocational)	891	236	655	318	120	198	12	4	8
Driver and safety education	27	24	3	18	10	8	0	0	0
English education	2,626	554	2,072	846	187	659	21	3	18
Foreign languages education	290	56	234	280	62	218	12	6	6
Health education	2,048	539	1,509	756	173	583	45	7	38
Home economics education (vocational)	305	6	299	54	5	49	6	1	5
Technology/industrial arts education	1,071	854	217	364	225	139	13	11	2
Marketing operations/marketing and distribution education	56	28	28	5	1	4	0	0	0
Mathematics education	1,518	591	927	831	274	557	43	19	24
Music education	3,104	1,305	1,799	720	285	435	76	34	42
Physical education and coaching	12,435	7,101	5,334	2,935	1,574	1,361	165	88	77
Reading education	137	13	124	4,144	242	3,902	55	3	52
Science education	1,205	505	700	745	273	472	39	17	22
Social science education	898	493	405	183	95	88	2	2	0
Social studies education	1,855	1,069	786	533	318	215	2	1	1
Technical education (vocational)	137	90	47	238	71	167	32	16	16
Trade and industrial education (vocational)	1,032	706	326	404	163	241	39	10	29
Teacher education, academic and vocational programs, other	2,183	902	1,281	2,512	681	1,831	37	14	23

Table 259.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1998–99—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Teaching English as a second language/foreign language	83	17	66	1,792	358	1,434	9	3	6
Education, other	1,329	519	810	5,909	1,259	4,650	706	222	484
Engineering and engineering-related technologies, total	71,904	59,187	12,717	26,558	21,268	5,290	5,427	4,649	778
Engineering, total	57,918	46,579	11,339	25,544	20,505	5,039	5,422	4,644	778
Engineering, general	2,010	1,656	354	1,237	981	256	200	177	23
Aerospace, aeronautical, and astronautical engineering	1,169	977	192	551	478	73	198	180	18
Agricultural engineering	699	527	172	173	115	58	75	64	11
Architectural engineering	569	442	127	36	25	11	7	3	4
Bioengineering and biomedical engineering	1,032	666	366	449	294	155	214	164	50
Ceramic sciences and engineering	163	125	38	61	55	6	35	24	11
Chemical engineering	6,033	3,911	2,122	1,130	836	294	572	470	102
Civil engineering	9,121	7,125	1,996	3,648	2,822	826	543	463	80
Computer engineering	3,679	3,232	447	1,286	968	318	148	134	14
Electrical, electronics, and communications engineering	12,531	10,839	1,692	6,690	5,659	1,031	1,303	1,160	143
Engineering mechanics	102	83	19	89	79	10	65	53	12
Engineering physics	222	187	35	57	50	7	25	23	2
Engineering science	244	187	57	280	223	57	56	49	7
Environmental/environmental health engineering	697	433	264	721	464	257	71	56	15
Geological engineering	140	93	47	27	22	5	13	10	3
Geophysical engineering	18	11	7	4	3	1	0	0	0
Industrial/manufacturing engineering	3,428	2,404	1,024	1,985	1,516	469	240	185	55
Material engineering	462	340	122	516	387	129	308	249	59
Mechanical engineering	12,705	11,040	1,665	3,258	2,859	399	774	693	81
Metallurgical engineering	214	158	56	99	77	22	51	44	7
Mining and mineral engineering	166	148	18	44	37	7	16	15	1
Naval architecture and marine engineering	277	249	28	30	28	2	5	5	0
Nuclear engineering	123	109	14	154	123	31	82	73	9
Ocean engineering	145	121	24	73	57	16	16	15	1
Petroleum engineering	225	198	27	108	93	15	35	32	3
Systems engineering	428	341	87	560	451	109	64	56	8
Textile sciences and engineering	220	122	98	50	24	26	16	10	6
Engineering, other	1,096	855	241	2,228	1,779	449	290	237	53
Engineering-related technologies, total	13,986	12,608	1,378	1,014	763	251	5	5	0
Architectural engineering technologies	483	426	57	0	0	0	0	0	0
Civil technologies	437	405	32	0	0	0	0	0	0
Electrical and electronic technologies	3,862	3,527	335	16	14	2	0	0	0
Electromechanical instrumentation and maintenance technologies	497	453	44	0	0	0	0	0	0
Environmental control technologies	205	154	51	196	149	47	0	0	0
Industrial production technologies	3,420	3,012	408	266	210	56	2	2	0
Quality control and safety technologies	466	383	83	228	151	77	0	0	0
Mechanical and related technologies	1,575	1,467	108	0	0	0	0	0	0
Mining and petroleum technologies	14	14	0	1	1	0	0	0	0
Surveying	139	123	16	11	11	0	3	3	0
Mechanics and repairers	39	38	1	0	0	0	0	0	0
Construction trades	204	187	17	7	4	3	0	0	0
Engineering and related technologies, other	2,645	2,419	226	289	223	66	0	0	0
English language and literature/letters, total	50,535	16,490	34,045	7,478	2,504	4,974	1,540	612	928
English language and literature, general	37,635	11,903	25,732	4,818	1,647	3,171	1,121	442	679
Comparative literature	735	205	530	190	62	128	133	52	81
English composition	326	120	206	26	6	20	9	2	7
English creative writing	1,065	427	638	1,295	498	797	10	5	5
American literature (United States)	52	16	36	7	4	3	11	3	8
English literature (British and Commonwealth)	1,310	459	851	221	58	163	73	32	41
Speech and rhetorical studies	8,014	2,944	5,070	613	156	457	133	57	76
English technical and business writing	232	75	157	211	45	166	1	1	0
English language and literature/letters, other	1,166	341	825	97	28	69	49	18	31
Foreign languages and literatures, total	14,962	4,496	10,466	2,860	887	1,973	904	381	523
Foreign languages and literatures, total	1,624	461	1,163	817	252	565	251	113	138
Foreign languages and literatures, general	918	255	663	261	77	184	48	22	26
Linguistics	706	206	500	556	175	381	203	91	112
East and Southeast Asian languages and literatures, total	653	363	290	101	37	64	37	18	19
Chinese	178	93	85	20	7	13	14	5	9
Japanese	370	209	161	43	14	29	9	6	3
East and Southeast Asian languages, other	105	61	44	38	16	22	14	7	7
East European languages and literatures, total	426	212	214	76	27	49	38	14	24
Russian languages	394	195	199	29	11	18	4	2	2
Slavic languages (other than Russian)	26	14	12	40	14	26	33	11	22
East European languages, other	6	3	3	7	2	5	1	1	0

Table 259.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1998–99—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Germanic languages and literatures, total	1,276	529	747	259	91	168	87	37	50
German	1,246	513	733	238	84	154	77	31	46
Scandinavian languages	18	13	5	6	2	4	1	1	0
Germanic languages, other	12	3	9	15	5	10	9	5	4
South Asian languages and literatures	3	2	1	9	7	2	5	2	3
Romance languages and literatures, total	9,932	2,452	7,480	1,208	307	901	363	128	235
French	2,555	500	2,055	357	77	280	116	39	77
Italian	260	69	191	41	7	34	12	4	8
Portuguese	36	15	21	4	2	2	5	2	3
Spanish	6,964	1,851	5,113	694	191	503	152	58	94
Romance languages, other	117	17	100	112	30	82	78	25	53
Middle Eastern languages and literatures, total	60	22	38	50	32	18	13	10	3
Arabic	13	4	9	3	1	2	1	0	1
Hebrew	27	6	21	20	13	7	1	1	0
Middle East languages, other	20	12	8	27	18	9	11	9	2
Classical and ancient Near East languages and literatures, total	800	396	404	180	86	94	66	39	27
Classics	683	345	338	151	75	76	62	36	26
Greek (ancient and medieval)	30	15	15	14	5	9	2	1	1
Latin (ancient and medieval)	87	36	51	15	6	9	2	2	0
Foreign languages, other	188	59	129	160	48	112	44	20	24
Health professions and related sciences, total	82,622	14,520	68,102	40,589	9,434	31,155	2,535	1,037	1,498
Communication disorders sciences and services	7,121	419	6,702	5,682	343	5,339	92	28	64
Community health liaison	814	177	637	240	55	185	0	0	0
Dentistry	0	0	0	396	249	147	38	23	15
Dental services	1,071	40	1,031	20	9	11	0	0	0
Epidemiology	7	1	6	499	193	306	113	44	69
Health services administration, total	4,302	1,035	3,267	4,346	1,560	2,786	77	36	41
Health services administration	2,326	536	1,790	2,871	1,040	1,831	49	23	26
Medical records administration	690	116	574	15	5	10	0	0	0
Medical records technology/technician	0	0	0	1	1	0	5	3	2
Health and medical administrative services, other	1,286	383	903	1,459	514	945	23	10	13
Health and medical assistants, total	1,976	796	1,180	1,481	717	764	0	0	0
Medical assistant	3	0	3	0	0	0	0	0	0
Physician assistant	1,819	765	1,054	1,408	693	715	0	0	0
Health and medical assistants, other	154	31	123	73	24	49	0	0	0
Health and medical diagnostic and treatment services, total	1,875	595	1,280	34	26	8	5	5	0
Respiratory therapy technology/technician	497	168	329	1	1	0	0	0	0
Health and medical diagnostic and treatment services, other	1,378	427	951	33	25	8	5	5	0
Medical laboratory technologies, total	2,369	678	1,691	465	170	295	114	50	64
Medical technology	2,015	551	1,464	60	19	41	1	0	1
Health and medical laboratory technologies/technicians, other	354	127	227	405	151	254	113	50	63
Pre-dentistry studies	143	84	59	0	0	0	0	0	0
Pre-medicine studies	635	333	302	0	0	0	0	0	0
Pre-pharmacy studies	2	0	2	0	0	0	0	0	0
Pre-veterinary studies	298	99	199	10	6	4	5	4	1
Medical basic sciences	526	181	345	580	279	301	579	313	266
Mental health services, total	640	105	535	543	122	421	7	0	7
Alcohol/drug abuse counseling	102	32	70	50	19	31	0	0	0
Psychiatric/mental health services technician	108	14	94	43	7	36	0	0	0
Clinical and medical social work	134	19	115	71	15	56	5	0	5
Mental health services, other	296	40	256	379	81	298	2	0	2
Nursing	41,994	4,511	37,483	11,840	1,136	10,704	431	20	411
Optometry	93	49	44	16	6	10	8	2	6
Pharmacy	4,237	1,654	2,583	304	146	158	298	161	137
Rehabilitation/therapeutic services, total	8,678	1,905	6,773	8,062	2,250	5,812	178	77	101
Art therapy	103	12	91	318	32	286	0	0	0
Dance therapy	4	0	4	24	2	22	0	0	0
Music therapy	199	31	168	43	5	38	0	0	0
Occupational therapy	3,707	542	3,165	1,616	240	1,376	20	5	15
Orthotics/prosthetics	44	19	25	0	0	0	0	0	0
Physical therapy	3,062	972	2,090	5,161	1,761	3,400	134	59	75
Recreational therapy	233	28	205	5	1	4	0	0	0
Vocational rehabilitation counseling	250	33	217	500	119	381	13	6	7
Rehabilitative services, other	1,076	268	808	395	90	305	11	7	4
Veterinary medicine	0	0	0	158	78	80	114	70	44
Miscellaneous health professions	933	393	540	1,004	459	545	132	52	80
Health professions and related sciences, other	4,908	1,465	3,443	4,909	1,630	3,279	344	152	192
Home economics and vocational home economics, total	17,689	2,100	15,589	2,880	442	2,438	361	97	264
Home economics, total	17,223	1,918	15,305	2,847	434	2,413	361	97	264
Home economics, general	2,405	179	2,226	312	21	291	39	17	22
Home economics business services	97	18	79	1	0	1	0	0	0
Family and community studies	483	63	420	82	19	63	2	2	0
Family and consumer resource management	1,584	484	1,100	85	16	69	23	4	19
Food and nutrition studies	4,253	504	3,749	608	69	539	45	14	31

Table 259.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1998–99—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Housing studies	371	67	304	10	5	5	8	3	5
Individual and family development studies	6,513	509	6,004	1,643	293	1,350	219	51	168
Clothing/apparel and textile studies	1,377	84	1,293	77	11	66	17	5	12
Home economics, other	140	10	130	29	0	29	8	1	7
Vocational home economics, total	466	182	284	33	8	25	0	0	0
Child care and guidance management	127	10	117	12	0	12	0	0	0
Vocational home economics, other	339	172	167	21	8	13	0	0	0
Law and legal studies, total	1,901	534	1,367	3,308	1,967	1,341	58	34	24
Pre-law studies	132	67	65	0	0	0	0	0	0
Paralegal/legal assistant	1,049	178	871	57	18	39	0	0	0
Law and legal studies, other	720	289	431	3,251	1,949	1,302	58	34	24
Liberal arts and sciences, general studies, and humanities, total	34,772	12,171	22,601	3,101	1,186	1,915	78	42	36
Liberal arts and sciences/liberal studies	21,243	6,417	14,826	2,024	804	1,220	21	11	10
Humanities/humanistic studies	2,588	861	1,727	599	230	369	46	24	22
Liberal arts and sciences, general studies, other	10,941	4,893	6,048	478	152	326	11	7	4
Library science, total	78	31	47	4,752	991	3,761	55	16	39
Library science/librarianship	72	31	41	4,631	961	3,670	49	12	37
Library science, other	6	0	6	121	30	91	6	4	2
Mathematics, total	12,539	6,545	5,994	3,466	2,027	1,439	1,124	830	294
Mathematics	10,647	5,417	5,230	2,103	1,199	904	759	560	199
Applied mathematics, total	1,347	807	540	521	336	185	159	121	38
Applied mathematics, general and other	774	443	331	341	210	131	125	94	31
Operations research (quantitative methods)	573	364	209	180	126	54	34	27	7
Mathematical statistics	333	196	137	737	422	315	189	135	54
Mathematics, other	212	125	87	105	70	35	17	14	3
Multi/interdisciplinary studies, total	26,581	8,738	17,843	2,663	1,049	1,614	441	224	217
Biological and physical sciences	2,553	1,211	1,342	342	161	181	27	23	4
Systems science and theory	85	47	38	131	56	75	7	4	3
Museology/museum studies	2	0	2	133	29	104	0	0	0
Multi/interdisciplinary studies, other	23,941	7,480	16,461	2,057	803	1,254	407	197	210
Parks, recreation, leisure, and fitness studies, total	18,064	8,839	9,225	2,076	1,027	1,049	137	93	44
Parks, recreation and leisure studies	2,480	1,129	1,351	204	100	104	17	12	5
Parks, recreation and leisure facilities management	3,022	1,350	1,672	227	97	130	13	9	4
Health and physical education/fitness	12,396	6,252	6,144	1,617	817	800	103	70	33
Parks, recreation, leisure and fitness studies, other	166	108	58	28	13	15	4	2	2
Philosophy and religion, total	8,263	5,189	3,074	1,295	815	480	574	433	141
Philosophy	4,722	3,290	1,432	610	449	161	364	275	89
Religion/religious studies	3,205	1,708	1,497	531	291	240	200	151	49
Philosophy and religion, other	336	191	145	154	75	79	10	7	3
Physical sciences and science technologies, total	18,337	11,029	7,308	5,159	3,384	1,775	4,190	3,174	1,016
Physical sciences, total	18,154	10,930	7,224	5,136	3,363	1,773	4,189	3,173	1,016
Physical sciences, general	316	182	134	91	71	20	2	1	1
Astronomy	105	73	32	75	48	27	70	51	19
Astrophysics	58	35	23	27	18	9	21	17	4
Atmospheric science and meteorology	455	345	110	159	122	37	77	64	13
Chemistry, total	10,120	5,468	4,652	2,037	1,167	870	2,191	1,524	667
Chemistry, general	9,816	5,282	4,534	1,866	1,066	800	1,998	1,384	614
Analytical chemistry	0	0	0	46	29	17	9	4	5
Inorganic chemistry	0	0	0	8	5	3	6	3	3
Organic chemistry	11	6	5	15	11	4	11	11	0
Medicinal/pharmaceutical chemistry	52	26	26	35	18	17	48	30	18
Chemistry, other	241	154	87	67	38	29	119	92	27
Geological and related sciences, total	2,837	1,690	1,147	936	593	343	367	274	93
Geology	2,570	1,546	1,024	805	505	300	272	201	71
Geochemistry	7	4	3	13	6	7	1	1	0
Geophysics and seismology	53	35	18	56	39	17	60	50	10
Geological and related sciences, other	207	105	102	62	43	19	34	22	12
Miscellaneous physical sciences, total	782	448	334	362	208	154	181	125	56
Metallurgy	0	0	0	3	2	1	2	1	1
Oceanography	151	77	74	113	65	48	94	63	31
Earth and planetary sciences	556	329	227	151	95	56	72	51	21
Miscellaneous physical sciences, other	75	42	33	95	46	49	13	10	3
Physics, total	3,213	2,526	687	1,309	1,073	236	1,252	1,097	155
Physics, general	3,100	2,437	663	1,219	996	223	1,160	1,023	137

Table 259.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1998–99—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Physics, other	113	89	24	90	77	13	92	74	18
Physical sciences, other	268	163	105	140	63	77	28	20	8
Science technologies, total	183	99	84	23	21	2	1	1	0
Precision production trades, total	386	274	112	7	7	0	0	0	0
Drafting, general	100	82	18	0	0	0	0	0	0
Precision production trades, other	286	192	94	7	7	0	0	0	0
Protective services, total	24,601	14,085	10,516	2,249	1,312	937	48	29	19
Criminal justice and corrections, total	24,236	13,750	10,486	2,214	1,280	934	47	28	19
Corrections/correctional administration	664	279	385	53	30	23	0	0	0
Criminal justice/law enforcement administration	7,257	4,164	3,093	935	585	350	3	2	1
Criminal justice studies	13,596	7,564	6,032	1,060	594	466	44	26	18
Forensic studies	60	17	43	102	43	59	0	0	0
Law enforcement/police science	1,686	1,192	494	51	22	29	0	0	0
Criminal justice, other	973	534	439	13	6	7	0	0	0
Fire control and safety	362	332	30	28	26	2	1	1	0
Protective services, other	3	3	0	7	6	1	0	0	0
Psychology, total	73,536	18,294	55,242	14,247	3,693	10,554	4,248	1,385	2,863
Psychology, general	68,721	17,150	51,571	4,375	1,283	3,092	1,557	557	1,000
Clinical psychology	82	24	58	1,442	367	1,075	1,801	529	1,272
Counseling psychology	287	63	224	4,607	998	3,609	286	87	199
Developmental and child psychology	721	71	650	144	20	124	73	21	52
Experimental psychology	247	67	180	55	22	33	63	26	37
Industrial and organizational psychology	178	53	125	1,046	388	658	90	38	52
Physiological psychology/psychobiology	265	87	178	2	1	1	21	5	16
Social psychology	606	156	450	173	37	136	51	19	32
School psychology	0	0	0	871	169	702	138	38	100
Psychology, other	2,429	623	1,806	1,532	408	1,124	168	65	103
Public administration and services, total	20,287	3,791	16,496	24,925	6,556	18,369	532	239	293
Public administration	2,110	1,033	1,077	6,887	3,177	3,710	171	109	62
Community organization, resources and services	2,005	444	1,561	450	136	314	7	1	6
Public policy analysis	571	241	330	1,026	522	504	104	53	51
Social work	15,057	1,909	13,148	16,014	2,503	13,511	242	70	172
Public affairs, other	544	164	380	548	218	330	8	6	2
R.O.T.C. and military technologies, total	2	2	0	0	0	0	0	0	0
Social sciences and history, total	124,658	61,736	62,922	14,431	7,456	6,975	3,855	2,270	1,585
Social sciences, general	7,602	2,940	4,662	499	214	285	51	26	25
Anthropology	6,904	2,385	4,519	1,053	407	646	451	194	257
Archeology	137	49	88	46	26	20	17	4	13
Criminology	2,917	1,588	1,329	126	52	74	6	5	1
Demography and population studies	2	1	1	53	32	21	14	6	8
Economics	17,611	11,991	5,620	2,323	1,521	802	810	594	216
Geography, total	4,081	2,665	1,416	760	490	270	159	105	54
Geography	4,010	2,610	1,400	743	481	262	159	105	54
Cartography	71	55	16	17	9	8	0	0	0
History	24,794	14,790	10,004	2,633	1,543	1,090	921	552	369
International relations and affairs	5,165	2,028	3,137	2,318	1,156	1,162	74	51	23
Political science and government, general	27,418	14,678	12,740	1,681	974	707	696	466	230
Sociology	24,933	7,497	17,436	1,943	646	1,297	515	207	308
Urban affairs/studies	679	287	392	350	142	208	51	22	29
Social sciences and history, other	2,415	837	1,578	646	253	393	90	38	52
Theological studies/religious vocations, total	6,280	4,484	1,796	4,727	2,853	1,874	1,452	1,216	236
Biblical and other theological languages and literatures	45	39	6	48	25	23	12	11	1
Bible/biblical studies	1,872	1,306	566	361	260	101	10	9	1
Missions/missionary studies and misology	252	120	132	213	126	87	63	53	10
Religious education	958	547	411	588	303	285	29	20	9
Religious/sacred music	130	70	60	77	44	33	1	1	0
Theology/theological studies	2,260	1,889	371	2,544	1,629	915	1,033	880	153
Pastoral counseling and specialized ministries	421	294	127	580	247	333	182	148	34
Theological studies and religious vocations, other	342	219	123	316	219	97	122	94	28
Transportation and material moving workers, total	3,383	2,984	399	713	631	82	0	0	0
Air transportation workers	3,157	2,789	368	712	630	82	0	0	0
Water transportation workers	216	189	27	0	0	0	0	0	0
Transportation and material moving, other	10	6	4	1	1	0	0	0	0
Visual and performing arts, total	54,404	22,281	32,123	10,753	4,543	6,210	1,130	574	556

Table 259.—Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 1998–99—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Visual and performing arts, general	1,508	599	909	96	37	59	9	6	3
Crafts, folk art, and artisanry	173	59	114	6	2	4	0	0	0
Dance	1,135	95	1,040	191	36	155	10	1	9
Design and applied art	9,232	4,002	5,230	871	372	499	0	0	0
Dramatic/theater arts and stagecraft	7,040	2,726	4,314	1,332	600	732	92	41	51
Film/video and photographic arts, total	3,153	1,888	1,265	661	360	301	16	8	8
Film-video making/cinematography and production	885	589	296	382	217	165	7	2	5
Photography	913	391	522	168	87	81	4	3	1
Film arts, other	1,355	908	447	111	56	55	5	3	2
Fine arts and art studies, total	21,591	7,661	13,930	3,260	1,163	2,097	168	48	120
Art, general	11,188	4,143	7,045	879	353	526	15	6	9
Art history, criticism and conservation	3,483	824	2,659	705	173	532	145	39	106
Arts management	127	25	102	185	32	153	1	0	1
Painting	783	360	423	176	71	105	0	0	0
Ceramic arts and ceramics	219	71	148	43	24	19	0	0	0
Fiber, textile and weaving arts	105	6	99	28	3	25	2	0	2
Metal and jewelry arts	84	15	69	25	8	17	0	0	0
Fine arts and art studies, other	5,602	2,217	3,385	1,219	499	720	5	3	2
Music, total	9,908	4,970	4,938	3,932	1,830	2,102	807	456	351
Music, general	4,933	2,377	2,556	1,198	559	639	314	187	127
Music history and literature	75	34	41	40	14	26	24	16	8
Music, general performance	3,062	1,508	1,554	1,937	873	1,064	293	147	146
Music theory and composition	341	241	100	188	126	62	77	53	24
Music, other	1,497	810	687	569	258	311	99	53	46
Visual and performing arts, other	664	281	383	404	143	261	28	14	14
Not classified by field of study	5	2	3	88	36	52	6	4	2

NOTE: Aggregations by field of study derived from the Classification of Instructional Programs developed by the National Center for Education Statistics. Data imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared August 2001.)

Table 260.—Degrees conferred by degree-granting institutions, by control of institution: 1969–70 to 1999–2000

Year	Public institutions					Private institutions				
	Associate	Bachelor's	Master's	Doctor's[1]	First-professional[2]	Associate	Bachelor's	Master's	Doctor's[1]	First-professional[2]
1	2	3	4	5	6	7	8	9	10	11
1969–70	170,966	519,550	134,545	19,183	14,542	35,057	272,766	73,746	10,683	20,376
1970–71	215,645	557,996	151,603	20,788	16,139	36,666	281,734	78,906	11,319	21,807
1974–75	318,474	634,785	193,804	22,176	23,612	41,697	288,148	98,646	11,907	32,304
1975–76	345,006	635,161	206,298	21,751	25,766	46,448	290,585	105,473	12,313	36,883
1976–77	355,650	630,463	208,901	21,229	26,344	50,727	289,086	108,263	12,003	36,015
1977–78	358,874	627,903	202,099	20,456	27,097	53,372	293,301	109,521	11,675	39,484
1978–79	346,808	621,666	192,016	20,817	27,785	55,894	299,724	109,063	11,913	41,063
1979–80	344,536	624,084	187,499	20,608	27,942	56,374	305,333	110,582	12,007	42,189
1980–81	352,391	626,452	184,384	20,895	29,128	63,986	308,688	111,355	12,063	42,828
1981–82	[3]366,732	636,475	182,295	20,889	29,611	[3]67,794	316,523	113,251	11,818	42,421
1982–83	377,817	646,317	176,246	21,186	29,757	71,803	323,193	113,675	11,589	43,297
1983–84	[3]379,249	646,013	170,693	21,141	29,586	[3]72,991	328,296	113,570	12,068	44,882
1984–85	377,625	652,246	170,000	21,337	30,152	77,087	327,231	116,251	11,606	44,911
1985–86	369,052	658,586	169,903	21,433	29,568	76,995	329,237	118,664	12,220	44,342
1986–87	358,811	659,260	167,797	21,870	29,346	77,493	332,004	121,552	12,171	42,271
1987–88	354,180	658,491	173,778	22,488	29,153	80,905	336,338	125,539	12,382	41,582
1988–89	357,001	675,675	179,109	22,970	28,993	79,763	343,080	131,512	12,750	41,863
1989–90	375,635	700,015	186,104	24,641	28,810	79,467	351,329	138,197	13,730	42,178
1990–91	398,055	724,062	193,057	25,681	29,554	83,665	370,476	144,111	13,613	42,394
1991–92	420,265	759,475	203,398	26,820	29,366	83,966	377,078	149,440	13,839	44,780
1992–93	430,321	785,112	213,843	27,392	29,628	84,435	380,066	155,742	14,740	45,759
1993–94	444,373	789,148	221,428	28,524	29,842	86,259	380,127	165,642	14,661	45,576
1994–95	451,539	776,670	224,152	28,917	29,871	88,152	383,464	173,477	15,529	45,929
1995–96	454,291	774,070	227,179	29,516	29,882	100,925	390,722	179,122	15,136	46,852
1996–97	465,494	776,677	233,237	29,838	31,243	105,732	396,202	186,164	16,038	47,487
1997–98	455,084	784,296	235,922	29,715	31,233	103,471	400,110	194,242	16,295	47,365
1998–99[4]	448,334	790,287	238,501	28,134	31,693	111,620	410,016	201,485	15,943	46,746
1999–2000	448,446	810,855	243,157	28,408	32,247	116,487	427,020	213,899	16,400	47,810

[1] Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and law degrees.

[2] Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training).

[3] Data are approximations. Some data have been revised from previously published figures.

[4] Data imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 261.—Degrees conferred by degree-granting institutions, by control of institution, level of degree, and discipline division: 1999–2000

Discipline division	Public institutions				Private institutions			
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees[1]	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees[1]
1	2	3	4	5	6	7	8	9
Total	**448,446**	**810,855**	**243,157**	**28,408**	**116,487**	**427,020**	**213,899**	**16,400**
Agriculture and natural resources[2]	6,278	21,975	3,830	1,159	389	2,272	545	22
Architecture and related programs	306	6,444	2,848	76	84	2,018	1,420	53
Area, ethnic, and cultural studies	106	3,652	817	114	153	2,729	774	103
Biological sciences/life sciences	1,376	41,663	4,274	3,223	58	21,869	1,924	1,644
Business[3]	71,139	150,637	43,905	717	36,262	107,072	68,353	479
Communications	1,475	38,579	2,635	280	1,279	17,181	2,534	67
Communications technologies	1,270	448	90	0	439	702	346	10
Computer and information sciences	10,961	21,095	7,510	512	9,489	15,100	6,754	265
Construction trades	1,950	40	0	0	387	146	12	0
Education	6,936	77,997	72,754	4,801	1,290	30,171	51,486	2,029
Engineering	1,435	44,093	17,317	3,784	317	14,334	8,279	1,600
Engineering-related technologies	18,147	10,219	746	5	17,248	3,653	168	1
English language and literature/letters	870	34,277	5,247	1,213	77	16,643	1,983	415
Foreign languages and literatures	400	9,755	2,090	560	101	5,213	690	355
Health professions and related sciences	69,051	51,376	23,512	1,869	15,030	27,082	18,944	807
Home economics and vocational home economics	7,960	15,292	1,649	245	421	2,487	1,181	112
Law and legal studies	4,093	1,051	714	11	3,172	874	3,036	63
Liberal arts and sciences, general studies, and humanities	178,725	25,037	1,361	38	8,729	11,067	1,895	45
Library science	98	151	3,663	62	0	3	914	6
Mathematics	639	7,784	2,599	781	36	4,286	813	325
Mechanics and repairers	8,264	55	0	0	3,350	15	0	0
Multi/interdisciplinary studies	11,544	21,006	1,898	238	240	6,454	1,166	146
Parks, recreation, leisure, and fitness studies	691	14,115	1,943	123	164	4,996	535	11
Philosophy and religion	35	3,357	446	243	28	5,009	883	343
Physical sciences and science technologies	2,320	11,984	3,569	2,869	140	6,401	1,272	1,149
Precision production trades	7,147	331	0	0	4,667	62	5	0
Protective services	15,275	18,889	1,351	50	1,023	5,988	1,258	2
Psychology	1,291	48,856	5,581	1,869	164	25,204	8,884	2,441
Public administration and services	3,311	13,921	15,657	289	345	6,264	9,937	248
R.O.T.C. and military technologies	65	7	0	0	0	0	0	0
Social sciences and history	4,805	81,922	8,785	2,534	331	45,179	5,281	1,561
Theological studies/religious vocations	1	0	0	0	635	6,809	5,576	1,643
Transportation and material moving workers	711	1,387	94	0	310	2,008	603	0
Visual and performing arts	7,232	32,743	5,471	743	9,868	26,048	5,447	384
Not classified by field of study	2,537	717	801	0	261	1,681	1,001	71

[1] Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees such as M.D., D.D.S., and law degrees.

[2] Includes "Agricultural business and production," "Agricultural sciences," and "Conservation and renewable natural resources."

[3] Includes "Business management and administrative services," "Marketing operations/marketing and distribution," and "Consumer and personal services."

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1999–2000 and "Consolidated" survey 2000. (This table was prepared July 2001.)

Table 262.—Number of degree-granting institutions conferring degrees, by level of degree and discipline division: 1999–2000

Discipline division	Total number of institutions awarding degrees				Number of public institutions awarding degrees				Number of private institutions awarding degrees			
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**2,546**	**1,995**	**1,499**	**535**	**1,288**	**583**	**503**	**236**	**1,258**	**1,412**	**996**	**299**
Agricultural business and production	336	128	57	33	322	97	55	32	14	31	2	1
Agricultural sciences	105	133	79	50	97	115	76	50	8	18	3	0
Architecture and related programs	39	171	127	28	33	107	90	20	6	64	37	8
Area, ethnic, and cultural studies	44	424	117	39	36	187	70	22	8	237	47	17
Biological sciences/life sciences	184	1,269	435	224	166	480	309	151	18	789	126	73
Business management and administrative services	1,788	1,480	846	128	1,144	518	372	84	644	962	474	44
Communications	245	941	249	50	195	383	169	40	50	558	80	10
Communications technologies	177	42	13	2	160	19	2	0	17	23	11	2
Computer and information sciences	912	1,123	381	124	571	444	231	84	341	679	150	40
Conservation and renewable natural resources	139	388	138	59	125	181	107	54	14	207	31	5
Consumer and personal services	282	20	1	0	219	9	0	0	63	11	1	0
Construction trades	219	12	1	0	206	6	0	0	13	6	1	0
Education	410	1,146	935	245	332	425	432	168	78	721	503	77
Engineering	253	415	270	180	231	224	177	131	22	191	93	49
Engineering-related technologies	1,044	319	68	3	813	216	56	2	231	103	12	1
English language and literature/letters	133	1,272	435	143	122	486	300	94	11	786	135	49
Foreign languages and literatures	76	855	201	88	72	378	147	60	4	477	54	28
Health professions and related sciences	1,437	1,007	667	164	1,009	442	330	116	428	565	337	48
Home economics	91	306	181	42	75	204	118	32	16	102	63	10
Law and legal studies	525	159	82	17	332	49	32	4	193	110	50	13
Liberal arts and sciences, general studies, and humanities	1,327	789	174	20	1,030	329	86	7	297	460	88	13
Library science	29	12	68	17	29	11	56	15	0	1	12	2
Marketing operations/marketing and distribution	410	150	18	2	324	55	2	1	86	95	16	1
Mathematics	146	1,127	317	156	137	472	245	108	9	655	72	48
Mechanics and repairers	593	7	0	0	545	4	0	0	48	3	0	0
Multi/interdisciplinary studies	227	634	220	58	205	265	143	38	22	369	77	20
Parks, recreation, leisure, and fitness studies	133	607	156	29	117	264	125	27	16	343	31	2
Philosophy and religion	27	839	196	98	20	285	85	53	7	554	111	45
Physical sciences	149	1,069	330	207	139	460	241	137	10	609	89	70
Precision production trades	719	30	1	0	586	22	0	0	133	8	1	0
Protective services	858	513	136	11	762	262	97	10	96	251	39	1
Psychology	162	1,283	593	259	143	471	309	133	19	812	284	126
Public administration and services	277	653	369	85	239	299	249	53	38	354	120	32
R.O.T.C. and military technologies	2	1	0	0	2	1	0	0	0	0	0	0
Science technologies	140	24	6	1	127	12	5	1	13	12	1	0
Social sciences and history	253	1,302	427	180	213	488	298	119	40	814	129	61
Theological studies/religious vocations	83	349	268	118	1	0	0	0	82	349	268	118
Transportation and material moving workers	117	65	7	0	103	38	4	0	14	27	3	0
Visual and performing arts	643	1,266	375	100	466	454	235	66	177	812	140	34
Vocational home economics	571	32	7	0	547	15	4	0	24	17	3	0
Not classified by field of study	17	11	12	3	8	3	3	0	9	8	9	3

NOTE: Doctor's degrees include Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees such as M.D., D.D.S., and law degrees. Data represent programs, not organizational units within institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1999–2000 and "Consolidated" survey, 2000. (This table was prepared July 2001.)

Table 263.—First-professional degrees conferred by degree-granting institutions in dentistry, medicine, and law, by sex, and number of institutions conferring degrees: 1949–50 to 1999–2000

Year	Dentistry (D.D.S. or D.M.D.)				Medicine (M.D.)				Law (LL.B. or J.D.)			
	Number of institutions conferring degrees	Degrees conferred			Number of institutions conferring degrees	Degrees conferred			Number of institutions conferring degrees	Degrees conferred		
		Total	Men	Women		Total	Men	Women		Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
1949–50	40	2,579	2,561	18	72	5,612	5,028	584	—	—	—	—
1951–52	41	2,918	2,895	23	72	6,201	5,871	330	—	—	—	—
1953–54	42	3,102	3,063	39	73	6,712	6,377	335	—	—	—	—
1955–56	42	3,009	2,975	34	73	6,810	6,464	346	131	8,262	7,974	288
1957–58	43	3,065	3,031	34	75	6,816	6,469	347	131	9,394	9,122	272
1959–60	45	3,247	3,221	26	79	7,032	6,645	387	134	9,240	9,010	230
1961–62	46	3,183	3,166	17	81	7,138	6,749	389	134	9,364	9,091	273
1963–64	46	3,180	3,168	12	82	7,303	6,878	425	133	10,679	10,372	307
1965–66	47	3,178	3,146	32	84	7,673	7,170	503	136	13,246	12,776	470
1967–68	48	3,422	3,375	47	85	7,944	7,318	626	138	16,454	15,805	649
1969–70	48	3,718	3,684	34	86	8,314	7,615	699	145	14,916	14,115	801
1970–71	48	3,745	3,703	42	89	8,919	8,110	809	147	17,421	16,181	1,240
1971–72	48	3,862	3,819	43	92	9,253	8,423	830	147	21,764	20,266	1,498
1972–73	51	4,047	3,992	55	97	10,307	9,388	919	152	27,205	25,037	2,168
1973–74	52	4,440	4,355	85	99	11,356	10,093	1,263	151	29,326	25,986	3,340
1974–75	52	4,773	4,627	146	104	12,447	10,818	1,629	154	29,296	24,881	4,415
1975–76	56	5,425	5,187	238	107	13,426	11,252	2,174	166	32,293	26,085	6,208
1976–77	57	5,138	4,764	374	109	13,461	10,891	2,570	169	34,104	26,447	7,657
1977–78	57	5,189	4,623	566	109	14,279	11,210	3,069	169	34,402	25,457	8,945
1978–79	58	5,434	4,794	640	109	14,786	11,381	3,405	175	35,206	25,180	10,026
1979–80	58	5,258	4,558	700	112	14,902	11,416	3,486	179	35,647	24,893	10,754
1980–81	58	5,460	4,672	788	116	15,505	11,672	3,833	176	36,331	24,563	11,768
1981–82	59	5,282	4,467	815	119	15,814	11,867	3,947	180	35,991	23,965	12,026
1982–83	59	5,585	4,631	954	118	15,484	11,350	4,134	177	36,853	23,550	13,303
1983–84	60	5,353	4,302	1,051	119	15,813	11,359	4,454	179	37,012	23,382	13,630
1984–85	59	5,339	4,233	1,106	120	16,041	11,167	4,874	181	37,491	23,070	14,421
1985–86	59	5,046	3,907	1,139	120	15,938	11,022	4,916	181	35,844	21,874	13,970
1986–87	58	4,741	3,603	1,138	121	15,428	10,431	4,997	179	36,056	21,561	14,495
1987–88	57	4,477	3,300	1,177	122	15,358	10,278	5,080	180	35,397	21,067	14,330
1988–89	58	4,265	3,124	1,141	124	15,460	10,310	5,150	182	35,634	21,069	14,565
1989–90	57	4,100	2,834	1,266	124	15,075	9,923	5,152	182	36,485	21,079	15,406
1990–91	55	3,699	2,510	1,189	121	15,043	9,629	5,414	179	37,945	21,643	16,302
1991–92	52	3,593	2,431	1,162	120	15,243	9,796	5,447	177	38,848	22,260	16,588
1992–93	55	3,605	2,383	1,222	122	15,531	9,679	5,852	184	40,302	23,182	17,120
1993–94	53	3,787	2,330	1,457	121	15,368	9,544	5,824	185	40,044	22,826	17,218
1994–95	53	3,897	2,480	1,417	119	15,537	9,507	6,030	183	39,349	22,592	16,757
1995–96	53	3,697	2,374	1,323	119	15,341	9,061	6,280	183	39,828	22,508	17,320
1996–97	52	3,784	2,387	1,397	118	15,571	9,121	6,450	184	40,079	22,548	17,531
1997–98	53	4,032	2,490	1,542	117	15,424	9,006	6,418	185	39,331	21,876	17,455
1998–99	53	4,144	2,674	1,470	118	15,562	8,954	6,608	188	39,167	21,628	17,539
1999–2000	54	4,250	2,547	1,703	118	15,286	8,761	6,525	190	38,152	20,638	17,514

—Not available.

NOTE: Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.) Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 264.—First-professional degrees conferred by degree-granting institutions, by sex of student, control of institution, and field of study: 1985–86 to 1999–2000

Control of institution and field of study	1985–86	1987–88	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99			1999–2000		
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Total, all institutions	**73,910**	**70,735**	**70,988**	**71,948**	**74,146**	**75,387**	**75,418**	**75,800**	**76,734**	**78,730**	**78,598**	**78,439**	**44,339**	**34,100**	**80,057**	**44,239**	**35,818**
Dentistry (D.D.S. or D.M.D.)	5,046	4,477	4,100	3,699	3,593	3,605	3,787	3,897	3,697	3,784	4,032	4,144	2,674	1,470	4,250	2,547	1,703
Medicine (M.D.)	15,938	15,358	15,075	15,043	15,243	15,531	15,368	15,537	15,341	15,571	15,424	15,562	8,954	6,608	15,286	8,761	6,525
Optometry (O.D.)	1,029	1,023	1,072	1,115	1,232	1,148	1,103	1,185	1,231	1,264	1,274	1,285	637	648	1,293	604	689
Osteopathic medicine (D.O.)	1,547	1,544	1,555	1,459	1,326	1,627	1,798	1,854	1,895	2,011	2,110	2,135	1,338	797	2,236	1,399	837
Pharmacy (Pharm.D.)	903	962	1,199	1,244	1,339	1,904	1,936	2,264	2,555	2,708	3,660	3,992	1,319	2,673	5,669	1,943	3,726
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	612	645	675	589	504	476	465	545	650	614	594	578	417	161	569	396	173
Veterinary medicine (D.V.M.)	2,270	2,235	2,151	2,032	2,044	2,057	2,089	2,148	2,109	2,188	2,193	2,226	725	1,501	2,251	710	1,541
Chiropractic (D.C. or D.C.M.)	3,395	2,628	2,581	2,640	2,694	2,799	2,806	2,968	3,379	3,654	3,735	3,639	2,594	1,045	3,809	2,718	1,091
Law (LL.B. or J.D.)	35,844	35,397	36,485	37,945	38,848	40,302	40,044	39,349	39,828	40,079	39,331	39,167	21,628	17,539	38,152	20,638	17,514
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav.)	7,283	6,466	5,851	5,695	5,251	5,447	5,967	5,978	5,879	5,859	5,873	5,558	3,986	1,572	6,129	4,337	1,792
Other	43	0	244	487	2,072	491	55	75	170	998	372	153	67	86	413	186	227
Total, public institutions	**29,568**	**29,153**	**28,810**	**29,554**	**29,366**	**29,628**	**29,842**	**29,871**	**29,882**	**31,243**	**31,233**	**31,693**	**17,035**	**14,658**	**32,247**	**16,923**	**15,324**
Dentistry (D.D.S. or D.M.D.)	2,827	2,524	2,353	2,308	2,200	2,167	2,189	2,236	2,198	2,350	2,468	2,479	1,656	823	2,512	1,585	927
Medicine (M.D.)	9,991	9,557	9,108	9,364	9,259	9,370	9,506	9,599	9,370	9,773	9,474	9,515	5,527	3,988	9,389	5,394	3,995
Optometry (O.D.)	441	429	444	477	595	460	471	461	499	498	537	488	222	266	493	226	267
Osteopathic medicine (D.O.)	486	434	458	493	416	490	531	492	528	527	568	548	319	229	535	305	230
Pharmacy (Pharm.D.)	473	615	727	808	852	1,171	1,185	1,344	1,557	1,765	2,212	2,503	822	1,681	3,485	1,227	2,258
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	0	0	0	0	0	0	0	0	0	0	103	97	60	37	84	57	27
Veterinary medicine (D.V.M.)	1,931	2,014	1,943	1,814	1,831	1,840	1,895	1,927	1,889	1,950	1,971	1,989	662	1,327	2,021	646	1,375
Chiropractic (D.C. or D.C.M.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Law (LL.B. or J.D.)	13,419	13,580	13,585	14,290	14,097	14,130	14,065	13,812	13,841	14,380	13,900	14,074	7,767	6,307	13,728	7,483	6,245
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	192	0	116	0	0	0	0	0	0	0	0	0	0	0	0
Total, private institutions	**44,342**	**41,582**	**42,178**	**42,394**	**44,780**	**45,759**	**45,576**	**45,929**	**46,852**	**47,487**	**47,365**	**46,746**	**27,304**	**19,442**	**47,810**	**27,316**	**20,494**
Dentistry (D.D.S. or D.M.D.)	2,219	1,953	1,747	1,391	1,393	1,438	1,598	1,661	1,499	1,434	1,564	1,665	1,018	647	1,738	962	776
Medicine (M.D.)	5,947	5,801	5,967	5,679	5,984	6,161	5,862	5,938	5,971	5,798	5,950	6,047	3,427	2,620	5,897	3,367	2,530
Optometry (O.D.)	588	594	628	638	637	688	632	724	732	766	737	797	415	382	800	378	422
Osteopathic medicine (D.O.)	1,061	1,110	1,097	966	910	1,137	1,267	1,362	1,367	1,484	1,542	1,587	1,019	568	1,701	1,094	607
Pharmacy (Pharm.D.)	430	347	472	436	487	733	751	920	998	943	1,448	1,489	497	992	2,184	716	1,468
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	612	645	675	589	504	476	465	545	650	614	491	481	357	124	485	339	146
Veterinary medicine (D.V.M.)	339	221	208	218	213	217	194	221	220	238	222	237	63	174	230	64	166
Chiropractic (D.C. or D.C.M.)	3,395	2,628	2,581	2,640	2,694	2,799	2,806	2,968	3,379	3,654	3,735	3,639	2,594	1,045	3,809	2,718	1,091
Law (LL.B. or J.D.)	22,425	21,817	22,900	23,655	24,751	26,172	25,979	25,537	25,987	25,699	25,431	25,093	13,861	11,232	24,424	13,155	11,269
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav.)	7,283	6,466	5,851	5,695	5,251	5,447	5,967	5,978	5,879	5,859	5,873	5,558	3,986	1,572	6,129	4,337	1,792
Other	43	0	52	487	1,956	491	55	75	170	998	372	153	67	86	413	186	227

NOTE: Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training). Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.) Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 265.—Associate degrees conferred by degree-granting institutions, by racial/ethnic group and sex of student: 1976–77 to 1999–2000

Year	Number of degrees conferred							Percentage distribution of degrees conferred to U.S. citizens					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Total							Total					
1976–77[1]	404,956	342,290	33,159	16,636	7,044	2,498	3,329	100.0	85.2	8.3	4.1	1.8	0.6
1978–79[2]	396,745	331,092	34,979	16,269	7,518	2,336	4,551	100.0	84.4	8.9	4.1	1.9	0.6
1980–81[3]	410,174	339,167	35,330	17,800	8,650	2,584	6,643	100.0	84.0	8.8	4.4	2.1	0.6
1984–85[4]	429,815	355,343	35,791	19,407	9,914	2,953	6,407	100.0	83.9	8.5	4.6	2.3	0.7
1986–87	436,304	361,861	35,447	19,334	11,779	3,195	4,688	100.0	83.8	8.2	4.5	2.7	0.7
1988–89[5]	432,144	354,865	34,664	20,384	12,519	3,331	6,381	100.0	83.3	8.1	4.8	2.9	0.8
1989–90[6]	450,263	369,580	35,327	22,195	13,482	3,530	6,149	100.0	83.2	8.0	5.0	3.0	0.8
1990–91[7]	462,030	376,081	37,657	24,251	13,725	3,672	6,644	100.0	82.6	8.3	5.3	3.0	0.8
1991–92[8]	494,387	400,530	39,411	26,905	15,596	4,008	7,937	100.0	82.3	8.1	5.5	3.2	0.8
1992–93[9]	508,154	405,883	42,340	29,991	16,632	4,379	8,929	100.0	81.3	8.5	6.0	3.3	0.9
1993–94[10]	529,106	418,301	45,461	32,074	18,433	4,871	9,966	100.0	80.6	8.8	6.2	3.6	0.9
1994–95[11]	538,545	419,323	47,142	36,013	20,717	5,492	9,858	100.0	79.3	8.9	6.8	3.9	1.0
1995–96[12]	553,625	425,028	51,672	38,163	23,091	5,556	10,115	100.0	78.2	9.5	7.0	4.2	1.0
1996–97[13]	563,620	424,364	55,260	42,645	24,829	5,927	10,595	100.0	76.7	10.0	7.7	4.5	1.1
1997–98[14]	555,538	411,336	55,008	45,627	25,047	6,220	12,300	100.0	75.7	10.1	8.4	4.6	1.1
1998–99	559,954	408,844	57,405	48,643	27,566	6,417	11,079	100.0	74.5	10.5	8.9	5.0	1.2
1999–2000	564,933	408,508	60,181	51,541	27,764	6,494	10,445	100.0	73.7	10.9	9.3	5.0	1.2
	Men							Men					
1976–77[1]	209,672	178,236	15,330	9,105	3,630	1,216	2,155	100.0	85.9	7.4	4.4	1.7	0.6
1978–79[2]	187,284	156,671	14,425	8,135	4,058	1,069	2,926	100.0	85.0	7.8	4.4	2.2	0.6
1980–81[3]	183,819	151,242	14,290	8,327	4,557	1,108	4,295	100.0	84.2	8.0	4.6	2.5	0.6
1984–85[4]	190,409	157,278	14,184	8,561	5,492	1,198	3,696	100.0	84.2	7.6	4.6	2.9	0.6
1986–87	190,839	158,132	13,959	8,760	6,169	1,263	2,556	100.0	84.0	7.4	4.7	3.3	0.7
1988–89[5]	183,963	150,978	12,884	9,217	6,366	1,323	3,195	100.0	83.5	7.1	5.1	3.5	0.7
1989–90[6]	188,631	154,748	13,147	9,859	6,477	1,433	2,967	100.0	83.3	7.1	5.3	3.5	0.8
1990–91[7]	190,221	155,330	13,718	10,210	6,440	1,373	3,150	100.0	83.0	7.3	5.5	3.4	0.7
1991–92[8]	202,808	164,799	14,294	11,536	7,254	1,531	3,394	100.0	82.6	7.2	5.8	3.6	0.8
1992–93[9]	209,051	167,312	15,497	12,924	7,877	1,663	3,778	100.0	81.5	7.5	6.3	3.8	0.8
1993–94[10]	214,462	170,137	16,917	13,204	8,288	1,836	4,080	100.0	80.9	8.0	6.3	3.9	0.9
1994–95[11]	217,730	169,475	16,786	15,717	9,283	2,106	4,363	100.0	79.4	7.9	7.4	4.4	1.0
1995–96[12]	218,977	168,858	17,854	15,700	10,204	1,989	4,372	100.0	78.7	8.3	7.3	4.8	0.9
1996–97[13]	220,722	166,732	18,994	17,583	10,770	2,047	4,596	100.0	77.1	8.8	8.1	5.0	0.9
1997–98[14]	216,440	160,346	18,584	19,006	10,885	2,243	5,376	100.0	76.0	8.8	9.0	5.2	1.1
1998–99	218,417	160,681	19,386	19,367	11,662	2,239	5,082	100.0	75.3	9.1	9.1	5.5	1.0
1999–2000	224,721	164,197	20,951	20,933	12,001	2,224	4,415	100.0	74.5	9.5	9.5	5.4	1.0
	Women							Women					
1976–77[1]	195,284	164,054	17,829	7,531	3,414	1,282	1,174	100.0	84.5	9.2	3.9	1.8	0.7
1978–79[2]	209,461	174,421	20,554	8,134	3,460	1,267	1,625	100.0	83.9	9.9	3.9	1.7	0.6
1980–81[3]	226,355	187,925	21,040	9,473	4,093	1,476	2,348	100.0	83.9	9.4	4.2	1.8	0.7
1984–85[4]	239,406	198,065	21,607	10,846	4,422	1,755	2,711	100.0	83.7	9.1	4.6	1.9	0.7
1986–87	245,465	203,729	21,488	10,574	5,610	1,932	2,132	100.0	83.7	8.8	4.3	2.3	0.8
1988–89[5]	248,181	203,887	21,780	11,167	6,153	2,008	3,186	100.0	83.2	8.9	4.6	2.5	0.8
1989–90[6]	261,632	214,832	22,180	12,336	7,005	2,097	3,182	100.0	83.1	8.6	4.8	2.7	0.8
1990–91[7]	271,809	220,751	23,939	14,041	7,285	2,299	3,494	100.0	82.3	8.9	5.2	2.7	0.9
1991–92[8]	291,579	235,731	25,117	15,369	8,342	2,477	4,543	100.0	82.1	8.8	5.4	2.9	0.9
1992–93[9]	299,103	238,571	26,843	17,067	8,755	2,716	5,151	100.0	81.2	9.1	5.8	3.0	0.9
1993–94[10]	314,644	248,164	28,544	18,870	10,145	3,035	5,886	100.0	80.4	9.2	6.1	3.3	1.0
1994–95[11]	320,815	249,848	30,356	20,296	11,434	3,386	5,495	100.0	79.2	9.6	6.4	3.6	1.1
1995–96[12]	334,648	256,170	33,818	22,463	12,887	3,567	5,743	100.0	77.9	10.3	6.8	3.9	1.1
1996–97[13]	342,898	257,632	36,266	25,062	14,059	3,880	5,999	100.0	76.5	10.8	7.4	4.2	1.2
1997–98[14]	339,098	250,990	36,424	26,621	14,162	3,977	6,924	100.0	75.6	11.0	8.0	4.3	1.2
1998–99	341,537	248,163	38,019	29,276	15,904	4,178	5,997	100.0	74.0	11.3	8.7	4.7	1.2
1999–2000	340,212	244,311	39,230	30,608	15,763	4,270	6,030	100.0	73.1	11.7	9.2	4.7	1.3

[1] Excludes 1,170 men and 251 women whose racial/ethnic group was not available.

[2] Excludes 4,807 men and 1,150 women whose racial/ethnic group was not available.

[3] Excludes 4,819 men and 1,384 women whose racial/ethnic group was not available.

[4] Excludes 1,033 men and 1,512 women whose racial/ethnic group was not available.

[5] Excludes 2,353 men and 2,267 women whose racial/ethnic group was not available.

[6] Excludes 2,564 men and 2,275 women whose racial/ethnic group was not available.

[7] Excludes 8,413 men and 11,277 women whose racial/ethnic group was not available.

[8] Excludes 4,673 men and 5,171 women whose racial/ethnic group was not available.

[9] Excludes 2,913 men and 3,689 women whose racial/ethnic group was not available.

[10] Excludes 799 men and 727 women whose racial/ethnic group was not available.

[11] Excludes 622 men and 524 women whose racial/ethnic group was not available.

[12] Excludes 537 men and 1,054 women whose racial/ethnic group was not available.

[13] Excludes 3,226 men and 4,380 women whose racial/ethnic group was not available.

[14] Excludes 1,173 men and 1,844 women whose racial/ethnic group was not available.

NOTE: For years 1984–85 to 1999–2000, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 266.—Associate degrees conferred by degree-granting institutions, by racial/ethnic group, major field of study, and sex of student: 1999–2000

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	564,933	408,508	60,181	51,541	27,764	6,494	10,445	224,721	164,197	20,951	20,933	12,001	2,224	4,415	340,212	244,311	39,230	30,608	15,763	4,270	6,030
Agriculture and natural resources	6,667	6,316	53	86	46	103	63	4,353	4,151	31	53	23	59	36	2,314	2,165	22	33	23	44	27
Architecture and related programs	392	312	11	30	28	0	11	101	89	0	5	5	0	2	291	223	11	25	23	0	9
Area, ethnic, and cultural studies	259	119	26	30	5	54	25	56	18	7	7	1	13	10	203	101	19	23	4	41	15
Biological sciences/life sciences	1,434	968	144	142	112	40	28	481	329	40	53	40	10	9	953	639	104	89	72	30	19
Business	107,401	74,627	14,656	9,275	5,179	1,191	2,473	34,525	24,820	4,007	2,789	1,608	284	1,017	72,876	49,807	10,649	6,486	3,571	907	1,456
Communications	2,754	2,059	263	228	114	26	64	1,435	1,073	145	134	46	11	26	1,319	986	118	94	68	15	38
Communications technologies	1,709	1,245	188	162	48	6	60	1,059	794	111	103	25	3	23	650	451	77	59	23	3	37
Computer and information sciences	20,450	13,451	3,005	1,695	1,563	248	488	11,700	8,106	1,392	998	864	97	243	8,750	5,345	1,613	697	699	151	245
Construction trades	2,337	1,978	141	112	55	46	5	2,220	1,879	131	111	54	40	5	117	99	10	1	1	6	0
Education	8,226	5,698	1,136	994	115	206	75	1,702	1,188	248	184	17	43	22	6,524	4,510	888	810	98	165	53
Engineering	1,752	1,203	136	163	163	17	70	1,509	1,054	110	134	139	13	59	243	149	26	29	24	4	11
Engineering-related technologies	35,395	25,110	3,823	3,733	2,106	359	264	30,736	22,033	3,110	3,289	1,815	272	217	4,659	3,077	713	444	291	87	47
English language and literature/letters	947	712	66	84	47	12	26	333	247	28	32	15	6	5	614	465	38	52	32	6	21
Foreign languages and literatures	501	320	20	99	32	1	29	235	175	9	28	17	1	5	266	145	11	71	15	0	24
Health professions and related sciences	84,081	65,616	8,562	5,406	3,050	922	525	11,728	8,601	1,152	1,033	725	116	101	72,353	57,015	7,410	4,373	2,325	806	424
Home economics and vocational home economics	8,381	5,292	1,253	1,079	525	104	128	704	441	71	66	102	8	16	7,677	4,851	1,182	1,013	423	96	112
Law and legal studies	7,265	5,125	1,149	735	144	88	24	881	545	152	127	30	21	6	6,384	4,580	997	606	114	67	18
Liberal arts and sciences, general studies, and humanities	187,454	134,558	17,539	18,856	10,070	1,982	4,449	69,746	50,201	6,161	6,819	4,025	672	1,868	117,708	84,357	11,378	12,037	6,045	1,310	2,581
Library science	98	82	1	6	6	2	1	8	7	0	1	0	0	0	90	75	1	5	6	2	1
Mathematics	675	400	40	101	93	7	34	408	231	26	65	56	4	26	267	169	14	36	37	3	8
Mechanics and repairers	11,614	8,793	783	1,020	735	128	155	10,791	8,263	708	937	612	121	150	823	530	75	83	123	7	5
Multi/interdisciplinary studies	11,784	8,564	1,228	1,058	690	95	149	5,521	3,788	655	544	401	45	88	6,263	4,776	573	514	289	50	61
Parks, recreation, leisure and fitness studies	855	634	105	62	21	8	25	511	381	72	33	11	3	11	344	253	33	29	10	5	14
Philosophy and religion	63	46	3	7	2	0	5	32	20	1	5	2	0	4	31	26	2	2	0	0	1
Physical sciences and science technologies	2,460	1,735	240	201	197	21	66	1,299	950	107	118	82	12	30	1,161	785	133	83	115	9	36
Precision production trades	11,814	9,357	637	1,052	567	141	60	9,200	7,329	500	831	409	96	35	2,614	2,028	137	221	158	45	25
Protective services	16,298	12,426	1,689	1,609	317	222	35	10,507	8,428	748	955	241	116	19	5,791	3,998	941	654	76	106	16
Psychology	1,455	998	142	200	53	39	23	326	204	46	46	17	7	6	1,129	794	96	154	36	32	17
Public administration and services	3,656	2,006	890	514	105	120	21	555	268	150	91	17	27	2	3,101	1,738	740	423	88	93	19
R.O.T.C. and military technologies	65	23	27	13	2	0	0	54	22	21	9	2	0	0	11	1	6	4	0	0	0
Social sciences and history	5,136	3,108	617	799	371	127	114	1,791	1,102	205	276	143	28	37	3,345	2,006	412	523	228	99	77
Theological studies and religious vocations	636	447	125	30	4	2	28	355	262	63	18	3	2	7	281	185	62	12	1	0	21
Transportation and material moving workers	1,021	807	32	82	30	11	59	870	696	30	68	29	10	37	151	111	2	14	1	1	22
Visual and performing arts	17,100	12,495	1,090	1,612	954	144	805	7,999	5,817	593	884	348	77	280	9,101	6,678	497	728	606	67	525
Not classified by field of study	2,798	1,878	361	266	215	20	58	990	685	121	87	77	7	13	1,808	1,193	240	179	138	13	45

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared July 2001.)

Table 267.—Associate degrees conferred by degree-granting institutions, by racial/ethnic group, major field of study, and sex of student: 1998–99

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	**559,954**	**408,844**	**57,405**	**48,643**	**27,566**	**6,417**	**11,079**	**218,417**	**160,681**	**19,386**	**19,367**	**11,662**	**2,239**	**5,082**	**341,537**	**248,163**	**38,019**	**29,276**	**15,904**	**4,178**	**5,997**
Agriculture and natural resources	6,633	6,194	55	154	33	116	81	4,320	4,061	43	90	14	67	45	2,313	2,133	12	64	19	49	36
Architecture and related programs	405	314	15	39	30	2	5	67	45	6	7	7	1	1	338	269	9	32	23	1	4
Area, ethnic, and cultural studies	308	126	47	47	4	71	13	66	27	14	10	0	14	1	242	99	33	37	4	57	12
Biological sciences/life sciences	2,211	1,380	170	253	311	57	40	765	463	63	99	113	15	12	1,446	917	107	154	198	42	28
Business	105,848	74,463	13,600	8,825	5,241	1,155	2,564	32,551	23,490	3,634	2,613	1,510	249	1,055	73,297	50,973	9,966	6,212	3,731	906	1,509
Communications	2,639	1,990	233	242	76	23	75	1,346	998	117	143	38	11	39	1,293	992	116	99	38	12	36
Communications technologies	1,541	1,110	147	157	58	7	62	961	707	80	101	41	6	26	580	403	67	56	17	1	36
Computer and information sciences	16,988	11,043	2,440	1,413	1,423	239	410	9,420	6,397	1,058	763	857	110	235	7,548	4,646	1,382	650	566	129	175
Construction trades	2,137	1,811	142	91	59	30	4	2,029	1,724	132	86	57	26	4	108	87	10	5	2	4	0
Education	9,971	6,915	1,235	1,277	205	251	88	2,356	1,597	309	276	68	81	25	7,615	5,318	926	1,001	137	170	63
Engineering	2,033	1,448	116	173	168	17	111	1,719	1,233	95	146	137	9	99	314	215	21	27	31	8	12
Engineering-related technologies	34,047	24,246	3,545	3,083	2,006	324	843	29,534	21,182	2,914	2,721	1,720	257	740	4,513	3,064	631	362	286	67	103
English language and literature/letters	1,621	926	122	223	127	15	208	575	331	47	75	47	6	69	1,046	595	75	148	80	9	139
Foreign languages and literatures	549	342	24	116	46	4	17	244	165	10	33	29	1	6	305	177	14	83	17	3	11
Health professions and related sciences	90,557	71,715	8,767	5,381	3,182	978	534	13,340	9,921	1,243	1,130	752	168	126	77,217	61,794	7,524	4,251	2,430	810	408
Home economics and vocational home economics	8,502	5,593	1,200	984	491	98	136	699	456	69	39	110	12	11	7,803	5,135	1,131	945	381	86	125
Law and legal studies	7,400	5,436	1,071	671	121	72	29	686	622	141	89	19	7	8	6,514	4,814	930	582	102	65	21
Liberal arts and sciences, general studies, and humanities	181,977	131,616	17,201	17,399	9,918	1,807	4,036	68,209	49,798	5,901	6,283	3,896	605	1,726	113,768	81,818	11,300	11,116	6,022	1,202	2,310
Library science	86	77	2	4	2	1	0	5	4	1	0	0	0	0	81	73	1	4	2	1	0
Mathematics	823	500	36	137	121	7	22	451	266	24	74	74	3	10	372	234	12	63	47	4	12
Mechanics and repairers	10,806	8,110	764	939	738	137	118	9,915	7,516	667	871	621	126	114	891	594	97	68	117	11	4
Multi/interdisciplinary studies	8,658	6,846	664	590	359	93	106	3,997	3,139	326	274	156	60	42	4,661	3,707	338	316	203	33	64
Parks, recreation, leisure and fitness studies	871	688	74	61	14	15	19	529	406	55	37	12	8	11	342	282	19	24	2	7	8
Philosophy and religion	74	57	4	8	2	1	2	35	26	2	5	1	0	1	39	31	2	3	1	1	1
Physical sciences and science technologies	2,399	1,646	201	191	262	27	72	1,198	832	88	104	121	10	43	1,201	814	113	87	141	17	29
Precision production trades	11,598	9,038	701	897	560	114	288	9,009	7,114	517	716	369	83	210	2,589	1,924	184	181	191	31	78
Protective services	17,430	13,300	1,779	1,679	400	220	52	11,449	9,207	795	1,029	267	120	31	5,981	4,093	984	650	133	100	21
Psychology	1,625	1,091	163	237	63	40	31	395	255	49	53	23	9	6	1,230	836	114	184	40	31	25
Public administration and services	3,881	2,201	951	494	104	91	40	613	344	141	82	22	18	6	3,268	1,857	810	412	82	73	34
R.O.T.C. and military technologies	42	19	13	8	2	0	0	40	19	11	8	2	0	0	2	0	2	0	0	0	0
Social sciences and history	4,550	2,726	546	743	277	127	131	1,593	947	182	271	114	28	51	2,957	1,779	364	472	163	99	80
Theological studies and religious vocations	476	354	80	6	7	5	24	229	175	33	5	2	2	12	247	179	47	1	5	3	12
Transportation and material moving workers	1,154	906	43	96	43	8	58	975	790	39	77	27	5	37	179	116	4	19	16	3	21
Visual and performing arts	17,640	12,766	1,013	1,824	993	240	804	7,942	5,711	500	977	384	113	257	9,698	7,055	513	847	609	127	547
Not classified by field of study	2,494	1,851	241	201	120	25	56	955	711	80	80	52	9	23	1,539	1,140	161	121	68	16	33

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services. Data imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared August 2001.)

Table 268.—Bachelor's degrees conferred by degree-granting institutions, by racial/ethnic group and sex of student: 1976–77 to 1999–2000

Year	Number of degrees conferred							Percentage distribution of degrees conferred to U.S. citizens					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Total							Total					
1976–77[1]	917,900	807,688	58,636	18,743	13,793	3,326	15,714	100.0	89.5	6.5	2.1	1.5	0.4
1978–79[2]	919,540	802,542	60,246	20,096	15,407	3,410	17,839	100.0	89.0	6.7	2.2	1.7	0.4
1980–81[3]	934,800	807,319	60,673	21,832	18,794	3,593	22,589	100.0	88.5	6.7	2.4	2.1	0.4
1984–85[4]	968,311	826,106	57,473	25,874	25,395	4,246	29,217	100.0	88.0	6.1	2.8	2.7	0.5
1986–87	991,264	841,818	56,560	26,988	32,624	3,968	29,306	100.0	87.5	5.9	2.8	3.4	0.4
1988–89[5]	1,016,350	859,703	58,078	29,918	37,674	3,951	27,026	100.0	86.9	5.9	3.0	3.8	0.4
1989–90[6]	1,048,631	884,376	61,063	32,844	39,248	4,392	26,708	100.0	86.5	6.0	3.2	3.8	0.4
1990–91[7]	1,081,280	904,062	65,341	36,612	41,618	4,513	29,134	100.0	85.9	6.2	3.5	4.0	0.4
1991–92[8]	1,129,833	936,771	72,326	40,761	46,720	5,176	28,079	100.0	85.0	6.6	3.7	4.2	0.5
1992–93[9]	1,159,931	947,309	77,872	45,376	51,463	5,671	32,240	100.0	84.0	6.9	4.0	4.6	0.5
1993–94[10]	1,165,973	936,227	83,576	50,241	55,660	6,189	34,080	100.0	82.7	7.4	4.4	4.9	0.5
1994–95[11]	1,158,788	913,377	87,203	54,201	60,478	6,606	36,923	100.0	81.4	7.8	4.8	5.4	0.6
1995–96[12]	1,163,036	904,709	91,166	58,288	64,359	6,970	37,544	100.0	80.4	8.1	5.2	5.7	0.6
1996–97[13]	1,168,023	898,224	94,053	61,941	67,969	7,409	38,427	100.0	79.5	8.3	5.5	6.0	0.7
1997–98[14]	1,183,033	900,317	98,132	65,937	71,592	7,894	39,161	100.0	78.7	8.6	5.8	6.3	0.7
1998–99	1,200,303	906,305	102,106	70,008	74,102	8,418	39,364	100.0	78.1	8.8	6.0	6.4	0.7
1999–2000	1,237,875	928,013	107,891	74,963	77,793	8,711	40,504	100.0	77.5	9.0	6.3	6.5	0.7
	Men							Men					
1976–77[1]	494,424	438,161	25,147	10,318	7,638	1,804	11,356	100.0	90.7	5.2	2.1	1.6	0.4
1978–79[2]	476,065	418,215	24,659	10,418	8,261	1,736	12,776	100.0	90.3	5.3	2.2	1.8	0.4
1980–81[3]	469,625	406,173	24,511	10,810	10,107	1,700	16,324	100.0	89.6	5.4	2.4	2.2	0.4
1984–85[4]	476,148	405,085	23,018	12,402	13,554	1,998	20,091	100.0	88.8	5.0	2.7	3.0	0.4
1986–87	480,782	406,749	22,501	12,865	17,253	1,817	19,597	100.0	88.2	4.9	2.8	3.7	0.4
1988–89[5]	481,946	407,154	22,370	13,950	19,260	1,730	17,482	100.0	87.7	4.8	3.0	4.1	0.4
1989–90[6]	490,317	413,573	23,262	14,941	19,721	1,859	16,961	100.0	87.4	4.9	3.2	4.2	0.4
1990–91[7]	496,424	415,505	24,328	16,158	20,678	1,901	17,854	100.0	86.8	5.1	3.4	4.3	0.4
1991–92[8]	516,976	429,842	26,956	17,976	23,248	2,182	16,772	100.0	85.9	5.4	3.6	4.6	0.4
1992–93[9]	530,541	435,084	28,883	19,865	25,293	2,449	18,967	100.0	85.0	5.6	3.9	4.9	0.5
1993–94[10]	530,804	429,121	30,648	21,807	26,938	2,616	19,674	100.0	84.0	6.0	4.3	5.3	0.5
1994–95[11]	525,174	417,006	31,775	23,600	28,973	2,736	21,084	100.0	82.7	6.3	4.7	5.7	0.5
1995–96[12]	521,439	408,829	32,852	24,994	30,630	2,885	21,249	100.0	81.7	6.6	5.0	6.1	0.6
1996–97[13]	517,901	401,878	33,509	26,007	32,111	2,988	21,408	100.0	80.9	6.7	5.2	6.5	0.6
1997–98[14]	519,360	399,105	34,469	27,648	33,405	3,148	21,585	100.0	80.2	6.9	5.6	6.7	0.6
1998–99	518,746	396,476	34,827	28,624	34,172	3,320	21,327	100.0	79.7	7.0	5.8	6.9	0.7
1999–2000	530,367	402,368	36,972	30,255	35,789	3,459	21,524	100.0	79.1	7.3	5.9	7.0	0.7
	Women							Women					
1976–77[1]	423,476	369,527	33,489	8,425	6,155	1,522	4,358	100.0	88.2	8.0	2.0	1.5	0.4
1978–79[2]	443,475	384,327	35,587	9,678	7,146	1,674	5,063	100.0	87.7	8.1	2.2	1.6	0.4
1980–81[3]	465,175	401,146	36,162	11,022	8,687	1,893	6,265	100.0	87.4	7.9	2.4	1.9	0.4
1984–85[4]	492,163	421,021	34,455	13,472	11,841	2,248	9,126	100.0	87.2	7.1	2.8	2.5	0.5
1986–87	510,482	435,069	34,059	14,123	15,371	2,151	9,709	100.0	86.9	6.8	2.8	3.1	0.4
1988–89[5]	534,404	452,549	35,708	15,968	18,414	2,221	9,544	100.0	86.2	6.8	3.0	3.5	0.4
1989–90[6]	558,314	470,803	37,801	17,903	19,527	2,533	9,747	100.0	85.8	6.9	3.3	3.6	0.5
1990–91[7]	584,856	488,557	41,013	20,454	20,940	2,612	11,280	100.0	85.2	7.2	3.6	3.7	0.5
1991–92[8]	612,857	506,929	45,370	22,785	23,472	2,994	11,307	100.0	84.3	7.5	3.8	3.9	0.5
1992–93[9]	629,390	512,225	48,989	25,511	26,170	3,222	13,273	100.0	83.1	8.0	4.1	4.2	0.5
1993–94[10]	635,169	507,106	52,928	28,434	28,722	3,573	14,406	100.0	81.7	8.5	4.6	4.6	0.6
1994–95[11]	633,614	496,371	55,428	30,601	31,505	3,870	15,839	100.0	80.3	9.0	5.0	5.1	0.6
1995–96[12]	641,597	495,880	58,314	33,294	33,729	4,085	16,295	100.0	79.3	9.3	5.3	5.4	0.7
1996–97[13]	650,122	496,346	60,544	35,934	35,858	4,421	17,019	100.0	78.4	9.6	5.7	5.7	0.7
1997–98[14]	663,673	501,212	63,663	38,289	38,187	4,746	17,576	100.0	77.6	9.9	5.9	5.9	0.7
1998–99	681,557	509,829	67,279	41,384	39,930	5,098	18,037	100.0	76.8	10.1	6.2	6.0	0.8
1999–2000	707,508	525,645	70,919	44,708	42,004	5,252	18,980	100.0	76.3	10.3	6.5	6.1	0.8

[1] Excludes 1,121 men and 528 women whose racial/ethnic group was not available.
[2] Excludes 1,279 men and 571 women whose racial/ethnic group was not available.
[3] Excludes 258 men and 82 women whose racial/ethnic group was not available.
[4] Excludes 6,380 men and 4,786 women whose racial/ethnic group was not available.
[5] Excludes 1,400 men and 1,005 women whose racial/ethnic group was not available.
[6] Excludes 1,379 men and 1,334 women whose racial/ethnic group was not available.
[7] Excludes 7,621 men and 5,637 women whose racial/ethnic group was not available.
[8] Excludes 3,835 men and 2,885 women whose racial/ethnic group was not available.
[9] Excludes 2,340 men and 2,907 women whose racial/ethnic group was not available.
[10] Excludes 1,618 men and 1,684 women whose racial/ethnic group was not available.
[11] Excludes 957 men and 389 women whose racial/ethnic group was not available.
[12] Excludes 1,015 men and 741 women whose racial/ethnic group was not available.
[13] Excludes 2,614 men and 2,242 women whose racial/ethnic group was not available.
[14] Excludes 596 men and 777 women whose racial/ethnic group was not available.

NOTE: For years 1984–85 to 1999–2000, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 269.—Bachelor's degrees conferred by degree-granting institutions, by racial/ethnic group, major field of study, and sex of student: 1999–2000

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	**1,237,875**	**928,013**	**107,891**	**74,963**	**77,793**	**8,711**	**40,504**	**530,367**	**402,368**	**36,972**	**30,255**	**35,789**	**3,459**	**21,524**	**707,508**	**525,645**	**70,919**	**44,708**	**42,004**	**5,252**	**18,980**
Agriculture and natural resources	24,247	21,563	668	736	717	233	330	13,850	12,537	312	388	314	120	179	10,397	9,026	356	348	403	113	151
Architecture and related programs	8,462	6,163	324	584	772	61	558	5,193	3,868	196	367	420	38	304	3,269	2,295	128	217	352	23	254
Area, ethnic, and cultural studies	6,381	3,696	824	736	832	93	200	2,064	1,210	261	240	265	29	59	4,317	2,486	563	496	567	64	141
Biological sciences/life sciences	63,532	45,247	4,874	3,326	8,279	391	1,415	26,504	19,286	1,422	1,388	3,684	161	563	37,028	25,961	3,452	1,938	4,595	230	852
Business	257,709	186,605	23,645	14,869	17,575	1,486	13,529	129,664	97,817	8,964	6,842	8,006	653	7,382	128,045	88,788	14,681	8,027	9,569	833	6,147
Communications	55,760	44,015	4,968	2,934	1,921	297	1,625	21,289	17,165	1,726	1,032	636	120	610	34,471	26,850	3,242	1,902	1,285	177	1,015
Communications technologies	1,150	836	118	111	52	8	25	774	568	60	86	42	4	14	376	268	58	25	10	4	11
Computer and information sciences	36,195	22,149	3,527	1,828	5,499	174	3,018	26,042	17,056	1,841	1,236	3,721	113	2,075	10,153	5,093	1,686	592	1,778	61	943
Construction trades	186	171	1	4	4	2	4	170	158	1	4	3	1	3	16	13	0	0	1	1	1
Education	108,168	91,816	7,723	4,865	1,899	948	917	26,124	21,922	2,035	1,113	531	259	264	82,044	69,894	5,688	3,752	1,368	689	653
Engineering	58,427	40,052	3,153	3,187	7,043	335	4,657	46,525	32,609	2,036	2,467	5,337	244	3,832	11,902	7,443	1,117	720	1,706	91	825
Engineering-related technologies	13,872	10,404	1,404	776	749	104	435	12,386	9,428	1,108	692	679	83	396	1,486	976	296	84	70	21	39
English language and literature/letters	50,920	41,424	3,884	2,757	1,985	320	550	16,341	13,764	926	881	533	92	145	34,579	27,660	2,958	1,876	1,452	228	405
Foreign languages and literatures	14,968	10,554	573	2,536	761	67	477	4,375	3,154	141	706	231	18	125	10,593	7,400	432	1,830	530	49	352
Health professions and related sciences	78,458	61,168	7,817	3,506	4,533	571	863	12,727	9,534	1,094	681	1,110	111	197	65,731	51,634	6,723	2,825	3,423	460	666
Home economics and vocational home economics	17,779	14,540	1,508	672	697	113	249	2,160	1,681	227	95	100	14	43	15,619	12,859	1,281	577	597	99	206
Law and legal studies	1,925	1,354	299	155	85	12	20	520	358	66	52	33	5	6	1,405	996	233	103	52	7	14
Liberal arts and sciences, general studies, and humanities	36,104	25,899	4,280	3,482	1,401	377	665	12,250	9,193	1,323	894	446	126	268	23,854	18,706	2,957	2,588	955	251	397
Library science	154	121	21	6	3	2	1	77	55	14	6	1	1	0	77	66	7	0	2	1	1
Mathematics	12,070	8,896	999	632	982	72	489	6,382	4,697	484	341	508	34	318	5,688	4,199	515	291	474	38	171
Mechanics and repairers	70	55	3	1	1	0	10	64	49	3	1	1	0	10	6	6	0	0	0	0	0
Multi/interdisciplinary studies	27,460	19,319	2,488	2,856	2,067	220	510	9,136	6,484	732	732	853	68	267	18,324	12,835	1,756	2,124	1,214	152	243
Parks, recreation, leisure and fitness studies	19,111	15,818	1,565	935	367	156	270	9,170	7,394	830	534	167	90	155	9,941	8,424	735	401	200	66	115
Philosophy and religion	8,366	6,882	417	406	449	49	163	5,228	4,350	241	247	261	27	102	3,138	2,532	176	159	188	22	61
Physical sciences and science technologies	18,385	14,197	1,187	654	1,630	115	602	10,972	8,789	493	390	874	59	367	7,413	5,408	694	264	756	56	235
Precision production trades	393	322	36	11	11	5	8	281	226	28	10	7	4	6	112	96	8	1	4	1	2
Protective services	24,877	17,244	4,141	2,420	640	280	152	14,069	10,399	1,740	1,284	404	145	97	10,808	6,845	2,401	1,136	236	135	55
Psychology	74,060	54,295	7,838	5,755	4,330	537	1,305	17,430	12,860	1,708	1,369	1,076	133	284	56,630	41,435	6,130	4,386	3,254	404	1,021
Public administration and services	20,185	13,279	4,194	1,669	606	221	216	3,816	2,406	824	359	142	39	46	16,369	10,873	3,370	1,310	464	182	170
R.O.T.C. and military sciences	7	7	0	0	0	0	0	6	6	0	0	0	0	0	1	1	0	0	0	0	0
Social sciences and history	127,101	93,149	11,878	9,035	8,243	970	3,826	62,062	47,365	4,447	4,042	3,837	441	1,930	65,039	45,784	7,431	4,993	4,406	529	1,896
Theological studies and religious vocations	6,809	5,950	320	159	146	35	199	4,791	4,236	187	113	85	20	150	2,018	1,714	133	46	61	15	49
Transportation and material moving workers	3,395	2,779	188	160	81	33	154	2,985	2,439	166	147	75	29	129	410	340	22	13	6	4	25
Visual and performing arts	58,791	46,104	2,879	3,047	3,357	418	2,986	24,003	18,574	1,282	1,451	1,370	173	1,153	34,788	27,530	1,597	1,596	1,987	245	1,833
Not classified by field of study	2,398	1,940	147	153	76	6	76	937	731	54	65	37	5	45	1,461	1,209	93	88	39	1	31

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared July 2001.)

Table 270.—Bachelor's degrees conferred by degree-granting institutions, by racial/ethnic group, major field of study, and sex of student: 1998–99

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	**1,200,303**	**906,305**	**102,106**	**70,008**	**74,102**	**8,418**	**39,364**	**518,746**	**396,476**	**34,827**	**28,624**	**34,172**	**3,320**	**21,327**	**681,557**	**509,829**	**67,279**	**41,384**	**39,930**	**5,098**	**18,037**
Agriculture and natural resources	23,930	21,344	646	721	637	209	373	13,873	12,534	304	414	289	112	220	10,057	8,810	342	307	348	97	153
Architecture and related programs	8,246	5,997	342	614	689	52	552	5,157	3,831	213	384	383	35	311	3,089	2,166	129	230	306	17	241
Area, ethnic, and cultural studies	6,252	3,760	765	703	739	85	200	2,023	1,215	228	230	234	34	82	4,229	2,545	537	473	505	51	118
Biological sciences/life sciences	65,014	46,076	4,841	3,349	8,848	413	1,487	28,254	20,468	1,402	1,486	4,090	177	631	36,760	25,608	3,439	1,863	4,758	236	856
Business	242,236	176,124	21,785	13,426	16,196	1,359	13,346	123,158	93,117	8,224	6,459	7,292	603	7,463	119,078	83,007	13,561	6,967	8,904	756	5,883
Communications	51,384	40,725	4,624	2,529	1,754	264	1,488	20,298	16,556	1,579	907	594	88	574	31,086	24,169	3,045	1,622	1,160	176	914
Communications technologies	935	668	107	73	27	3	57	563	401	49	54	21	3	35	372	267	58	19	6	0	22
Computer and information sciences	29,345	18,865	2,827	1,330	3,830	145	2,348	21,392	14,648	1,417	907	2,690	95	1,635	7,953	4,217	1,410	423	1,140	50	713
Construction trades	204	184	9	6	2	0	3	187	171	7	4	2	0	3	17	13	2	2	0	0	0
Education	107,172	90,717	7,921	4,701	1,916	1,027	890	26,226	21,977	2,137	1,070	546	264	232	80,946	68,740	5,784	3,631	1,370	763	658
Engineering	57,918	39,736	3,169	3,184	6,914	314	4,601	46,579	32,611	2,036	2,479	5,319	226	3,908	11,339	7,125	1,133	705	1,595	88	693
Engineering-related technologies	13,743	10,547	1,279	676	594	108	539	12,383	9,636	1,057	573	530	85	502	1,360	911	222	103	64	23	37
English language and literature/letters	50,535	41,435	3,718	2,565	2,029	278	510	16,490	13,905	884	848	610	92	151	34,045	27,530	2,834	1,717	1,419	186	359
Foreign languages and literatures	14,962	10,696	551	2,381	753	78	503	4,496	3,346	116	665	215	24	130	10,466	7,350	435	1,716	538	54	373
Health professions and related sciences	82,622	65,185	7,577	3,515	4,857	570	918	14,520	11,069	1,095	775	1,234	114	233	68,102	54,116	6,482	2,740	3,623	456	685
Home economics and vocational home economics	17,689	14,570	1,346	621	777	114	261	2,100	1,669	197	80	96	11	47	15,589	12,901	1,149	541	681	103	214
Law and legal studies	1,901	1,414	247	126	86	22	6	534	380	67	44	36	7	0	1,367	1,034	180	82	50	15	6
Liberal arts and sciences, general studies, and humanities	34,772	24,867	4,110	3,280	1,429	342	744	12,171	9,180	1,176	894	504	98	319	22,601	15,687	2,934	2,386	925	244	425
Library science	78	70	4	3	1	0	0	31	27	2	2	0	0	0	47	43	2	1	1	0	0
Mathematics	12,539	9,406	958	703	916	75	481	6,545	4,927	444	377	468	38	291	5,994	4,479	514	326	448	37	190
Mechanics and repairers	39	32	3	1	0	0	3	38	31	3	1	0	0	3	1	1	0	0	0	0	0
Multi/interdisciplinary studies	26,581	18,787	2,322	2,796	2,010	177	489	8,738	6,272	683	670	838	51	224	17,843	12,515	1,639	2,126	1,172	126	265
Parks, recreation, leisure and fitness studies	18,064	15,134	1,355	846	349	129	251	8,839	7,284	729	450	169	73	134	9,225	7,850	626	396	180	56	117
Philosophy and religion	8,263	6,768	405	388	461	61	180	5,189	4,202	252	272	300	41	122	3,074	2,566	153	116	161	20	58
Physical sciences and science technologies	18,337	14,241	1,138	650	1,573	116	619	11,029	8,875	469	396	852	73	364	7,308	5,366	669	254	721	43	255
Precision production trades	386	306	42	9	16	2	11	274	221	28	6	12	2	5	112	85	14	3	4	0	6
Protective services	24,601	17,404	3,988	2,267	568	260	114	14,085	10,651	1,647	1,223	368	137	59	10,516	6,753	2,341	1,044	200	123	55
Psychology	73,536	54,474	7,567	5,508	4,302	553	1,132	18,294	13,596	1,719	1,341	1,221	153	264	55,242	40,878	5,848	4,167	3,081	400	868
Public administration and services	20,287	13,749	3,912	1,588	592	263	183	3,791	2,405	770	340	168	59	49	16,496	11,344	3,142	1,248	424	204	134
R.O.T.C. and military sciences	2	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Social sciences and history	124,658	92,080	11,603	8,381	7,789	993	3,812	61,736	47,431	4,418	3,807	3,631	462	1,987	62,922	44,649	7,185	4,574	4,158	531	1,825
Theological studies and religious vocations	6,280	5,543	258	138	166	21	154	4,484	4,010	154	90	106	16	108	1,796	1,533	104	48	60	5	46
Transportation and material moving workers	3,383	2,791	187	150	78	22	155	2,984	2,462	158	133	70	19	142	399	329	29	17	8	3	13
Visual and performing arts	54,404	42,603	2,500	2,780	3,204	363	2,954	22,281	17,364	1,163	1,243	1,284	128	1,099	32,123	25,239	1,337	1,537	1,920	235	1,855
Not classified by field of study	5	5	0	0	0	0	0	2	2	0	0	0	0	0	3	3	0	0	0	0	0

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services. Data imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared August 2001.)

Table 271.—Master's degrees conferred by degree-granting institutions, by racial/ethnic group and sex of student: 1976–77 to 1999–2000

Year	Number of degrees conferred							Percentage distribution of degrees conferred to U.S. citizens					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Total							Total					
1976–77[1]	316,602	266,061	21,037	6,071	5,122	967	17,344	100.0	88.9	7.0	2.0	1.7	0.3
1978–79[2]	300,255	249,360	19,418	5,555	5,496	999	19,427	100.0	88.8	6.9	2.0	2.0	0.4
1980–81[3]	294,183	241,216	17,133	6,461	6,282	1,034	22,057	100.0	88.6	6.3	2.4	2.3	0.4
1984–85[4]	280,421	223,628	13,939	6,864	7,782	1,256	26,952	100.0	88.2	5.5	2.7	3.1	0.5
1986–87	289,349	228,874	13,873	7,044	8,559	1,103	29,896	100.0	88.2	5.3	2.7	3.3	0.4
1988–89[5]	309,770	242,764	14,095	7,277	10,335	1,086	34,213	100.0	88.1	5.1	2.6	3.8	0.4
1989–90[6]	322,465	251,690	15,446	7,950	10,577	1,101	35,701	100.0	87.8	5.4	2.8	3.7	0.4
1990–91[7]	328,645	255,281	16,139	8,386	11,180	1,136	36,523	100.0	87.4	5.5	2.9	3.8	0.4
1991–92[8]	348,682	268,371	18,116	9,358	12,658	1,273	38,906	100.0	86.6	5.8	3.0	4.1	0.4
1992–93[9]	368,701	278,829	19,780	10,665	13,866	1,407	44,154	100.0	85.9	6.1	3.3	4.3	0.4
1993–94[10]	385,419	288,288	21,937	11,913	15,267	1,697	46,317	100.0	85.0	6.5	3.5	4.5	0.5
1994–95[11]	397,052	292,784	24,171	12,907	16,842	1,621	48,727	100.0	84.1	6.9	3.7	4.8	0.5
1995–96[12]	405,521	297,558	25,801	14,412	18,161	1,778	47,811	100.0	83.2	7.2	4.0	5.1	0.5
1996–97[13]	414,882	302,541	28,224	15,187	18,477	1,924	48,529	100.0	82.6	7.7	4.1	5.0	0.5
1997–98[14]	429,296	307,587	30,097	16,215	21,088	2,049	52,260	100.0	81.6	8.0	4.3	5.6	0.5
1998–99	439,986	311,299	32,344	17,708	21,803	2,004	54,828	100.0	80.8	8.4	4.6	5.7	0.5
1999–2000	457,056	317,999	35,625	19,093	22,899	2,232	59,208	100.0	79.9	9.0	4.8	5.8	0.6
	Men							Men					
1976–77[1]	167,396	139,210	7,781	3,268	3,123	521	13,493	100.0	90.5	5.1	2.1	2.0	0.3
1978–79[2]	152,637	124,058	7,070	2,786	3,325	495	14,903	100.0	90.1	5.1	2.0	2.4	0.4
1980–81[3]	145,666	115,562	6,158	3,085	3,773	501	16,587	100.0	89.5	4.8	2.4	2.9	0.4
1984–85[4]	139,417	106,059	5,200	3,059	4,842	583	19,674	100.0	88.6	4.3	2.6	4.0	0.5
1986–87	141,269	105,572	5,153	3,331	5,239	518	21,456	100.0	88.1	4.3	2.8	4.4	0.4
1988–89[5]	148,872	109,715	5,175	3,325	6,048	476	24,133	100.0	88.0	4.1	2.7	4.8	0.4
1989–90[6]	152,926	112,877	5,539	3,586	6,002	463	24,459	100.0	87.9	4.3	2.8	4.7	0.4
1990–91[7]	151,796	111,224	5,709	3,670	6,319	459	24,415	100.0	87.3	4.5	2.9	5.0	0.4
1991–92[8]	159,543	116,096	6,054	4,132	7,062	523	25,676	100.0	86.7	4.5	3.1	5.3	0.4
1992–93[9]	168,754	120,225	6,821	4,735	7,544	586	28,843	100.0	85.9	4.9	3.4	5.4	0.4
1993–94[10]	175,355	123,854	7,413	5,113	8,225	691	30,059	100.0	85.2	5.1	3.5	5.7	0.5
1994–95[11]	178,123	123,809	8,103	5,490	8,920	659	31,142	100.0	84.2	5.5	3.7	6.1	0.4
1995–96[12]	178,661	124,514	8,442	5,833	9,373	704	29,795	100.0	83.6	5.7	3.9	6.3	0.5
1996–97[13]	178,165	124,060	8,871	6,115	8,879	729	29,511	100.0	83.5	6.0	4.1	6.0	0.5
1997–98[14]	183,982	125,343	9,631	6,499	10,239	780	31,490	100.0	82.2	6.3	4.3	6.7	0.5
1998–99	186,148	125,310	9,965	6,956	10,328	765	32,824	100.0	81.7	6.5	4.5	6.7	0.5
1999–2000	191,792	126,522	11,093	7,543	10,853	829	34,952	100.0	80.7	7.1	4.8	6.9	0.5
	Women							Women					
1976–77[1]	149,206	126,851	13,256	2,803	1,999	446	3,851	100.0	87.3	9.1	1.9	1.4	0.3
1978–79[2]	147,618	125,302	12,348	2,769	2,171	504	4,524	100.0	87.6	8.6	1.9	1.5	0.4
1980–81[3]	148,517	125,654	10,975	3,376	2,509	533	5,470	100.0	87.8	7.7	2.4	1.8	0.4
1984–85[4]	141,004	117,569	8,739	3,805	2,940	673	7,278	100.0	87.9	6.5	2.8	2.2	0.5
1986–87	148,080	123,302	8,720	3,713	3,320	585	8,440	100.0	88.3	6.2	2.7	2.4	0.4
1988–89[5]	160,898	133,049	8,920	3,952	4,287	610	10,080	100.0	88.2	5.9	2.6	2.8	0.4
1989–90[6]	169,539	138,813	9,907	4,364	4,575	638	11,242	100.0	87.7	6.3	2.8	2.9	0.4
1990–91[7]	176,849	144,057	10,430	4,716	4,861	677	12,108	100.0	87.4	6.3	2.9	3.0	0.4
1991–92[8]	189,139	152,275	12,062	5,226	5,596	750	13,230	100.0	86.6	6.9	3.0	3.2	0.4
1992–93[9]	199,947	158,604	12,959	5,930	6,322	821	15,311	100.0	85.9	7.0	3.2	3.4	0.4
1993–94[10]	210,064	164,434	14,524	6,800	7,042	1,006	16,258	100.0	84.8	7.5	3.5	3.6	0.5
1994–95[11]	218,929	168,975	16,068	7,417	7,922	962	17,585	100.0	83.9	8.0	3.7	3.9	0.5
1995–96[12]	226,860	173,044	17,359	8,579	8,788	1,074	18,016	100.0	82.9	8.3	4.1	4.2	0.5
1996–97[13]	236,717	178,481	19,353	9,072	9,598	1,195	19,018	100.0	82.0	8.9	4.2	4.4	0.5
1997–98[14]	245,314	182,244	20,466	9,716	10,849	1,269	20,770	100.0	81.2	9.1	4.3	4.8	0.6
1998–99	253,838	185,989	22,379	10,752	11,475	1,239	22,004	100.0	80.2	9.7	4.6	4.9	0.5
1999–2000	265,264	191,477	24,532	11,550	12,046	1,403	24,256	100.0	79.4	10.2	4.8	5.0	0.6

[1] Excludes 387 men and 175 women whose racial/ethnic group was not available.
[2] Excludes 733 men and 91 women whose racial/ethnic group was not available.
[3] Excludes 1,377 men and 179 women whose racial/ethnic group was not available.
[4] Excludes 3,973 men and 1,857 women whose racial/ethnic group was not available.
[5] Excludes 482 men and 369 women whose racial/ethnic group was not available.
[6] Excludes 727 men and 1,109 women whose racial/ethnic group was not available.
[7] Excludes 4,686 men and 3,837 women whose racial/ethnic group was not available.
[8] Excludes 2,299 men and 1,857 women whose racial/ethnic group was not available.
[9] Excludes 504 men and 380 women whose racial/ethnic group was not available.
[10] Excludes 730 men and 921 women whose racial/ethnic group was not available.
[11] Excludes 475 men and 102 women whose racial/ethnic group was not available.
[12] Excludes 420 men and 360 women whose racial/ethnic group was not available.
[13] Excludes 2,782 men and 1,737 women whose racial/ethnic group was not available.
[14] Excludes 393 men and 475 women whose racial/ethnic group was not available.

NOTE: For years 1984–85 to 1999–2000, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 272.—Master's degrees conferred by degree-granting institutions, by racial/ethnic group, major field of study, and sex of student: 1999–2000

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	**457,056**	**317,999**	**35,625**	**19,093**	**22,899**	**2,232**	**59,208**	**191,792**	**126,522**	**11,093**	**7,543**	**10,853**	**829**	**34,952**	**265,264**	**191,477**	**24,532**	**11,550**	**12,046**	**1,403**	**24,256**
Agriculture and natural resources	4,375	3,310	108	109	110	26	712	2,362	1,777	52	58	44	19	412	2,013	1,533	56	51	66	7	300
Architecture and related programs	4,268	2,601	153	193	284	11	1,026	2,508	1,544	81	111	147	7	618	1,760	1,057	72	82	137	4	408
Area, ethnic, and cultural studies	1,591	1,023	99	106	85	18	260	644	438	36	41	27	9	93	947	585	63	65	58	9	167
Biological sciences/life sciences	6,198	4,309	230	248	611	27	773	2,773	1,967	75	117	300	14	300	3,425	2,342	155	131	311	13	473
Business	112,258	73,252	8,630	4,241	7,371	414	18,350	67,544	45,167	3,691	2,547	4,290	235	11,614	44,714	28,085	4,939	1,694	3,081	179	6,736
Communications	5,169	3,227	433	187	204	19	1,099	1,828	1,179	106	65	61	5	412	3,341	2,048	327	122	143	14	687
Communications technologies	436	290	28	14	25	1	78	231	165	8	10	12	1	35	205	125	20	4	13	0	43
Computer and information sciences	14,264	4,472	567	253	2,086	27	6,859	9,512	3,340	317	179	1,207	18	4,451	4,752	1,132	250	74	879	9	2,408
Construction trades	12	5	1	0	0	0	6	7	3	1	0	0	0	3	5	2	0	0	0	0	3
Education	124,240	99,300	12,100	6,303	2,538	740	3,259	29,321	23,529	2,729	1,487	535	180	861	94,919	75,771	9,371	4,816	2,003	560	2,398
Engineering	25,596	11,427	683	751	2,471	67	10,197	20,290	9,315	468	579	1,785	50	8,093	5,306	2,112	215	172	686	17	2,104
Engineering-related technologies	914	610	97	30	32	2	143	671	463	60	26	19	1	102	243	147	37	4	13	1	41
English language and literature/letters	7,230	5,919	331	265	231	46	438	2,393	2,006	74	100	76	10	127	4,837	3,913	257	165	155	36	311
Foreign languages and literatures	2,780	1,645	39	308	118	6	664	845	536	14	89	35	1	170	1,935	1,109	25	219	83	5	494
Health professions and related sciences	42,456	33,419	2,684	1,415	2,724	242	1,972	9,624	7,100	514	386	836	68	720	32,832	26,319	2,170	1,029	1,888	174	1,252
Home economics and vocational home economics	2,830	2,112	252	118	105	13	230	457	332	40	24	20	5	36	2,373	1,780	212	94	85	8	194
Law and legal studies	3,750	1,375	156	132	136	6	1,945	2,192	814	58	66	78	2	1,174	1,558	561	98	66	58	4	771
Liberal arts and sciences, general studies, and humanities	3,256	2,671	214	108	67	21	175	1,143	940	62	43	20	8	70	2,113	1,731	152	65	47	13	105
Library science	4,577	3,948	234	121	100	17	157	947	807	36	32	22	4	46	3,630	3,141	198	89	78	13	111
Mathematics	3,412	1,794	107	91	212	10	1,198	1,881	992	50	52	99	6	682	1,531	802	57	39	113	4	516
Multi/interdisciplinary studies	3,064	2,286	230	133	120	23	272	1,173	865	65	50	51	9	133	1,891	1,421	165	83	69	14	139
Parks, recreation, leisure and fitness studies	2,478	2,055	182	61	47	11	122	1,238	1,032	83	37	20	6	60	1,240	1,023	99	24	27	5	62
Philosophy and religion	1,329	1,028	51	55	57	4	134	827	628	32	35	36	3	93	502	400	19	20	21	1	41
Physical sciences and science technologies	4,841	2,939	130	93	272	19	1,388	3,126	1,892	69	59	160	14	932	1,715	1,047	61	34	112	5	456
Precision production trades	5	4	0	0	0	0	1	3	3	0	0	0	0	0	2	1	0	0	0	0	1
Protective services	2,609	2,037	328	117	31	23	73	1,534	1,244	150	73	8	17	42	1,075	793	178	44	23	6	31
Psychology	14,465	11,088	1,489	774	518	79	517	3,552	2,721	342	220	118	16	135	10,913	8,367	1,147	554	400	63	382
Public administration and services	25,594	17,613	4,075	1,647	834	204	1,221	6,808	4,520	987	431	211	50	609	18,786	13,093	3,088	1,216	623	154	612
R.O.T.C. and military technologies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social sciences and history	14,066	8,784	1,021	584	596	88	2,993	7,024	4,436	422	287	247	39	1,593	7,042	4,348	599	297	349	49	1,400
Theological studies and religious vocations	5,576	4,072	394	156	257	13	684	3,352	2,425	205	94	160	8	460	2,224	1,647	189	62	97	5	224
Transportation and material moving workers	697	602	26	26	13	8	22	629	546	22	23	9	7	22	68	56	4	3	4	1	0
Visual and performing arts	10,918	7,340	441	418	580	45	2,094	4,672	3,278	201	208	195	17	773	6,246	4,062	240	210	385	28	1,321
Not classified by field of study	1,802	1,442	112	36	64	2	146	681	518	43	14	25	0	81	1,121	924	69	22	39	2	65

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared July 2001.)

Table 273.—Master's degrees conferred by degree-granting institutions, by racial/ethnic group, major field of study, and sex of student: 1998–99

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	**439,986**	**311,299**	**32,344**	**17,708**	**21,803**	**2,004**	**54,828**	**186,148**	**125,310**	**9,965**	**6,956**	**10,328**	**765**	**32,824**	**253,838**	**185,989**	**22,379**	**10,752**	**11,475**	**1,239**	**22,004**
Agriculture and natural resources	4,417	3,284	156	114	98	16	749	2,381	1,763	77	62	39	10	430	2,036	1,521	79	52	59	6	319
Architecture and related programs	4,172	2,638	152	192	261	12	917	2,394	1,537	72	111	143	6	525	1,778	1,101	80	81	118	6	392
Area, ethnic, and cultural studies	1,500	945	138	86	92	21	218	600	385	54	39	28	8	86	900	560	84	47	64	13	132
Biological sciences/life sciences	6,192	4,326	265	203	530	20	848	2,839	2,065	86	93	234	8	353	3,353	2,261	179	110	296	12	495
Business	108,085	72,039	7,487	3,882	7,283	437	16,957	65,113	44,717	3,168	2,259	4,133	252	10,584	42,972	27,322	4,319	1,623	3,150	185	6,373
Communications	5,293	3,392	472	168	219	21	1,021	1,847	1,249	120	64	58	7	349	3,446	2,143	352	104	161	14	672
Communications technologies	325	234	18	5	20	1	47	185	143	7	3	9	1	22	140	91	11	2	11	0	25
Computer and information sciences	12,250	4,247	440	234	1,728	20	5,581	8,458	3,203	270	158	1,025	14	3,788	3,792	1,044	170	76	703	6	1,793
Construction trades	7	3	0	0	2	0	2	4	1	0	0	2	0	1	3	2	0	0	0	0	1
Education	119,427	96,428	11,029	5,781	2,452	603	3,134	28,263	22,680	2,510	1,456	554	154	909	91,164	73,748	8,519	4,325	1,898	449	2,225
Engineering	25,544	11,918	748	723	2,471	50	9,634	20,505	9,808	485	549	1,852	40	7,771	5,039	2,110	263	174	619	10	1,863
Engineering-related technologies	1,007	669	96	29	44	5	164	759	521	59	18	32	2	127	248	148	37	11	12	3	37
English language and literature/letters	7,478	6,191	338	242	224	46	437	2,504	2,143	97	79	59	17	109	4,974	4,048	241	163	165	29	328
Foreign languages and literatures	2,860	1,621	64	376	124	6	669	887	547	24	104	27	2	183	1,973	1,074	40	272	97	4	486
Health professions and related sciences	40,589	32,331	2,601	1,285	2,446	191	1,735	9,434	7,096	481	316	781	56	704	31,155	25,235	2,120	969	1,665	135	1,031
Home economics and vocational home economics	2,880	2,194	229	126	102	14	215	442	334	22	24	12	0	50	2,438	1,860	207	102	90	14	165
Law and legal studies	3,308	1,402	112	71	100	15	1,608	1,967	850	48	37	58	9	965	1,341	552	64	34	42	6	643
Liberal arts and sciences, general studies, and humanities	3,101	2,490	201	124	76	9	201	1,186	956	55	44	38	2	91	1,915	1,534	146	80	38	7	110
Library science	4,752	4,112	215	135	127	22	141	991	872	30	31	13	5	40	3,761	3,240	185	104	114	17	101
Mathematics	3,466	1,920	150	99	220	11	1,066	2,027	1,109	72	64	108	8	666	1,439	811	78	35	112	3	400
Multi/interdisciplinary studies	2,663	2,046	159	110	83	16	249	1,049	786	51	52	28	7	125	1,614	1,260	108	58	55	9	124
Parks, recreation, leisure and fitness studies	2,076	1,733	137	44	30	6	126	1,027	846	68	24	18	3	68	1,049	887	69	20	12	3	58
Philosophy and religion	1,295	1,004	51	57	48	6	129	815	630	29	36	25	4	91	480	374	22	21	23	2	38
Physical sciences and science technologies	5,159	3,127	156	134	293	18	1,431	3,384	2,065	86	86	155	10	982	1,775	1,062	70	48	138	8	449
Precision production trades	7	6	0	0	1	0	0	7	6	0	0	1	0	0	0	0	0	0	0	0	0
Protective services	2,249	1,722	299	116	45	14	53	1,312	1,064	108	73	19	8	40	937	658	191	43	26	6	13
Psychology	14,247	11,092	1,279	798	516	89	473	3,693	2,946	279	201	107	18	142	10,554	8,146	1,000	597	409	71	331
Public administration and services	24,925	17,548	3,661	1,463	788	182	1,283	6,556	4,418	876	388	202	49	623	18,369	13,130	2,785	1,075	586	133	660
R.O.T.C. and military technologies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social sciences and history	14,431	9,159	992	597	541	80	3,062	7,456	4,677	377	314	239	34	1,815	6,975	4,482	615	283	302	46	1,247
Theological studies and religious vocations	4,727	3,477	267	110	205	13	655	2,853	2,073	136	71	115	5	453	1,874	1,404	131	39	90	8	202
Transportation and material moving workers	713	618	23	25	24	6	17	631	550	20	23	18	6	14	82	68	3	2	6	0	3
Visual and performing arts	10,753	7,312	404	377	606	54	2,000	4,543	3,242	196	176	194	20	715	6,210	4,070	208	201	412	34	1,285
Not classified by field of study	88	71	5	2	4	0	6	36	28	2	1	2	0	3	52	43	3	1	2	0	3

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services. Data imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared August 2001.)

Table 274.—Doctor's degrees conferred by degree-granting institutions, by racial/ethnic group and sex of student: 1976–77 to 1999–2000

Year	Number of degrees conferred[1]							Percentage distribution of degrees conferred to U.S. citizens					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Total							Total					
1976–77[2]	33,126	26,851	1,253	522	658	95	3,747	100.0	91.4	4.3	1.8	2.2	0.3
1978–79[3]	32,675	26,138	1,268	439	811	104	3,915	100.0	90.9	4.4	1.5	2.8	0.4
1980–81[4]	32,839	25,908	1,265	456	877	130	4,203	100.0	90.5	4.4	1.6	3.1	0.5
1984–85[5]	32,307	23,934	1,154	677	1,106	119	5,317	100.0	88.7	4.3	2.5	4.1	0.4
1986–87	34,041	24,434	1,057	751	1,098	105	6,596	100.0	89.0	3.9	2.7	4.0	0.4
1988–89[6]	35,659	24,884	1,066	629	1,323	85	7,672	100.0	88.9	3.8	2.2	4.7	0.3
1989–90[7]	38,113	25,880	1,153	788	1,235	99	8,958	100.0	88.8	4.0	2.7	4.2	0.3
1990–91[8]	38,547	25,328	1,211	732	1,459	102	9,715	100.0	87.8	4.2	2.5	5.1	0.4
1991–92[9]	40,090	25,813	1,223	811	1,559	118	10,566	100.0	87.4	4.1	2.7	5.3	0.4
1992–93[10]	42,021	26,700	1,352	827	1,582	106	11,454	100.0	87.3	4.4	2.7	5.2	0.3
1993–94[11]	43,149	27,156	1,393	903	2,025	134	11,538	100.0	85.9	4.4	2.9	6.4	0.4
1994–95[12]	44,427	27,826	1,667	984	2,690	130	11,130	100.0	83.6	5.0	3.0	8.1	0.4
1995–96[13]	44,645	27,756	1,636	999	2,646	158	11,450	100.0	83.6	4.9	3.0	8.0	0.5
1996–97[14]	45,394	28,344	1,847	1,098	2,607	173	11,325	100.0	83.2	5.4	3.2	7.7	0.5
1997–98[15]	45,925	28,747	2,066	1,270	2,334	187	11,321	100.0	83.1	6.0	3.7	6.7	0.5
1998–99	44,077	27,492	2,116	1,284	2,262	192	10,731	100.0	82.4	6.3	3.9	6.8	0.6
1999–2000	44,808	27,520	2,220	1,291	2,380	159	11,238	100.0	82.0	6.6	3.8	7.1	0.5
	Men							Men					
1976–77[2]	25,036	20,032	766	383	540	67	3,248	100.0	91.9	3.5	1.8	2.5	0.3
1978–79[3]	23,488	18,433	734	294	646	69	3,312	100.0	91.4	3.6	1.5	3.2	0.3
1980–81[4]	22,595	17,310	694	277	655	95	3,564	100.0	91.0	3.6	1.5	3.4	0.5
1984–85[5]	21,296	15,017	561	431	802	64	4,421	100.0	89.0	3.3	2.6	4.8	0.4
1986–87	22,061	14,812	485	441	794	57	5,472	100.0	89.3	2.9	2.7	4.8	0.3
1988–89[6]	22,597	14,541	491	350	945	50	6,220	100.0	88.8	3.0	2.1	5.8	0.3
1989–90[7]	24,248	15,105	533	423	871	49	7,267	100.0	89.0	3.1	2.5	5.1	0.3
1990–91[8]	24,333	14,565	561	387	987	58	7,755	100.0	87.9	3.5	2.3	6.0	0.3
1991–92[9]	25,168	14,674	576	458	1,062	65	8,333	100.0	87.2	3.4	2.7	6.3	0.4
1992–93[10]	25,980	14,902	615	439	1,041	51	8,932	100.0	87.4	3.6	2.6	6.1	0.3
1993–94[11]	26,531	15,126	631	465	1,373	66	8,870	100.0	85.6	3.6	2.6	7.8	0.4
1994–95[12]	26,898	15,354	731	488	1,758	58	8,509	100.0	83.5	4.0	2.7	9.6	0.3
1995–96[13]	26,836	15,101	730	516	1,693	80	8,716	100.0	83.3	4.0	2.8	9.3	0.4
1996–97[14]	26,826	15,339	786	572	1,606	86	8,437	100.0	83.4	4.3	3.1	8.7	0.5
1997–98[15]	26,614	15,368	824	649	1,390	83	8,300	100.0	83.9	4.5	3.5	7.6	0.5
1998–99	25,146	14,480	862	612	1,312	91	7,789	100.0	83.4	5.0	3.5	7.6	0.5
1999–2000	25,028	14,241	863	603	1,329	56	7,936	100.0	83.3	5.0	3.5	7.8	0.3
	Women							Women					
1976–77[2]	8,090	6,819	487	139	118	28	499	100.0	89.8	6.4	1.8	1.6	0.4
1978–79[3]	9,187	7,705	534	145	165	35	603	100.0	89.8	6.2	1.7	1.9	0.4
1980–81[4]	10,244	8,598	571	179	222	35	639	100.0	89.5	5.9	1.9	2.3	0.4
1984–85[5]	11,011	8,917	593	246	304	55	896	100.0	88.2	5.9	2.4	3.0	0.5
1986–87	11,980	9,622	572	310	304	48	1,124	100.0	88.6	5.3	2.9	2.8	0.4
1988–89[6]	13,062	10,343	575	279	378	35	1,452	100.0	89.1	5.0	2.4	3.3	0.3
1989–90[7]	13,865	10,775	620	365	364	50	1,691	100.0	88.5	5.1	3.0	3.0	0.4
1990–91[8]	14,214	10,763	630	345	472	44	1,960	100.0	87.8	5.1	2.8	3.9	0.4
1991–92[9]	14,922	11,139	647	353	497	53	2,233	100.0	87.8	5.1	2.8	3.9	0.4
1992–93[10]	16,041	11,798	737	388	541	55	2,522	100.0	87.3	5.5	2.9	4.0	0.4
1993–94[11]	16,618	12,030	762	438	652	68	2,668	100.0	86.2	5.5	3.1	4.7	0.5
1994–95[12]	17,529	12,472	936	496	932	72	2,621	100.0	83.7	6.3	3.3	6.3	0.5
1995–96[13]	17,809	12,655	906	483	953	78	2,734	100.0	83.9	6.0	3.2	6.3	0.5
1996–97[14]	18,568	13,005	1,061	526	1,001	87	2,888	100.0	82.9	6.8	3.4	6.4	0.6
1997–98[15]	19,311	13,379	1,242	621	944	104	3,021	100.0	82.1	7.6	3.8	5.8	0.6
1998–99	18,931	13,012	1,254	672	950	101	2,942	100.0	81.4	7.8	4.2	5.9	0.6
1999–2000	19,780	13,279	1,357	688	1,051	103	3,302	100.0	80.6	8.2	4.2	6.4	0.6

[1] Includes Ph.D., Ed.D, and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and law degrees.

[2] Excludes 106 men whose racial/ethnic group was not available.

[3] Excludes 53 men and 2 women whose racial/ethnic group was not available.

[4] Excludes 116 men and 3 women whose racial/ethnic group was not available.

[5] Excludes 404 men and 232 women whose racial/ethnic group was not available.

[6] Excludes 51 men and 10 women whose racial/ethnic group was not available.

[7] Excludes 153 men and 105 women whose racial/ethnic group was not available.

[8] Excludes 423 men and 324 women whose racial/ethnic group was not available.

[9] Excludes 389 men and 180 women whose racial/ethnic group was not available.

[10] Excludes 93 men and 18 women whose racial/ethnic group was not available.

[11] Excludes 21 men and 15 women whose racial/ethnic group was not available.

[12] Excludes 18 men and 1 woman whose racial/ethnic group was not available.

[13] Excludes 5 men and 2 women whose racial/ethnic group was not available.

[14] Excludes 320 men and 162 women whose racial/ethnic group was not available.

[15] Excludes 50 men and 35 women whose racial/ethnic group was not available.

NOTE: For years 1984–85 to 1999–2000, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 275.—Doctor's degrees conferred by degree-granting institutions, by racial/ethnic group, major field of study, and sex of student: 1999–2000

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	**44,808**	**27,520**	**2,220**	**1,291**	**2,380**	**159**	**11,238**	**25,028**	**14,241**	**863**	**603**	**1,329**	**56**	**7,936**	**19,780**	**13,279**	**1,357**	**688**	**1,051**	**103**	**3,302**
Agriculture and natural resources	1,181	559	25	16	33	2	546	811	372	14	9	19	1	396	370	187	11	7	14	1	150
Architecture and related programs	129	68	5	5	1	0	50	85	47	4	4	1	0	29	44	21	1	1	0	0	21
Area, ethnic, and cultural studies	217	140	21	8	9	2	37	106	59	13	3	3	0	28	111	81	8	5	6	2	9
Biological sciences/life sciences	4,867	2,880	107	143	434	8	1,295	2,722	1,585	41	77	229	5	785	2,145	1,295	66	66	205	3	510
Business	1,196	665	56	18	64	5	388	814	434	29	7	31	4	309	382	231	27	11	33	1	79
Communications	347	238	20	10	3	1	75	163	110	9	3	0	0	41	184	128	11	7	3	1	34
Communications technologies	10	5	2	0	0	0	3	5	2	0	0	0	0	3	5	3	2	0	0	0	0
Computer and information sciences	777	302	15	13	58	0	389	646	246	10	11	51	0	328	131	56	5	2	7	0	61
Education	6,830	4,915	803	262	176	44	630	2,419	1,756	220	83	60	11	289	4,411	3,159	583	179	116	33	341
Engineering	5,384	2,001	94	89	391	5	2,804	4,549	1,650	64	72	307	3	2,453	835	351	30	17	84	2	351
Engineering-related technologies	6	2	0	0	0	0	4	6	2	0	0	0	0	4	0	0	0	0	0	0	0
English language and literature/letters	1,628	1,284	71	49	59	6	159	671	553	17	21	21	2	57	957	731	54	28	38	4	102
Foreign languages and literatures	915	513	8	78	43	1	272	375	221	3	27	14	0	110	540	292	5	51	29	1	162
Health professions and related sciences	2,676	1,717	112	59	242	8	538	1,038	602	28	16	119	1	272	1,638	1,115	84	43	123	7	266
Home economics and vocational home economics	357	238	21	8	13	1	76	83	62	2	2	2	1	14	274	176	19	6	11	0	62
Law and legal studies	74	11	1	0	2	0	60	49	5	1	0	1	0	42	25	6	0	0	1	0	18
Liberal arts and sciences, general studies, and humanities	83	69	6	2	2	1	3	41	33	3	1	1	1	2	42	36	3	1	1	0	1
Library science	68	36	5	1	2	1	23	19	8	2	0	1	0	8	49	28	3	1	1	1	15
Mathematics	1,106	482	16	12	72	2	522	830	349	10	6	55	0	410	276	133	6	6	17	2	112
Multi/interdisciplinary studies	384	279	20	7	19	3	56	203	136	10	4	12	1	40	181	143	10	3	7	2	16
Parks, recreation, leisure and fitness studies	134	104	3	2	3	1	21	75	56	1	2	3	0	13	59	48	2	0	0	1	8
Philosophy and religion	586	448	20	16	16	1	85	381	292	13	11	8	1	56	205	156	7	5	8	0	29
Physical sciences and science technologies	4,018	2,115	71	72	210	15	1,535	2,994	1,575	44	48	138	12	1,177	1,024	540	27	24	72	3	358
Protective services	52	40	5	2	0	0	5	28	24	1	1	0	0	2	24	16	4	1	0	0	3
Psychology	4,310	3,466	229	225	189	31	170	1,405	1,154	58	63	47	5	78	2,905	2,312	171	162	142	26	92
Public administration and services	537	376	58	16	24	2	61	227	146	22	8	11	1	39	310	230	36	8	13	1	22
Social sciences and history	4,095	2,645	203	130	165	17	935	2,407	1,479	102	88	97	6	635	1,688	1,166	101	42	68	11	300
Theological studies and religious vocations	1,643	1,070	186	26	99	1	261	1,307	859	120	24	88	1	215	336	211	66	2	11	0	46
Visual and performing arts	1,127	790	31	22	50	1	233	537	398	19	12	9	0	99	590	392	12	10	41	1	134
Not classified by field of study	71	62	6	0	1	0	2	32	26	3	0	1	0	2	39	36	3	0	0	0	0

NOTE: Includes Ph.D., Ed.D, and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and law degrees. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared August 2001.)

Table 276.—Doctor's degrees conferred by degree-granting institutions, by racial/ethnic group, major field of study, and sex of student: 1998–99

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total	**44,077**	**27,492**	**2,116**	**1,284**	**2,262**	**192**	**10,731**	**25,146**	**14,480**	**862**	**612**	**1,312**	**91**	**7,789**	**18,931**	**13,012**	**1,254**	**672**	**950**	**101**	**2,942**
Agriculture and natural resources	1,248	552	29	17	51	3	596	869	361	15	10	30	2	451	379	191	14	7	21	1	145
Architecture and related programs	123	62	2	4	3	0	52	80	37	2	3	2	0	36	43	25	0	1	1	0	16
Area, ethnic, and cultural studies	197	110	33	4	11	3	36	90	50	15	1	7	1	16	107	60	18	3	4	2	20
Biological sciences/life sciences	4,619	2,721	105	134	364	10	1,285	2,669	1,535	48	80	205	4	797	1,950	1,186	57	54	159	6	488
Business	1,202	705	62	23	63	2	347	844	465	30	15	43	1	290	358	240	32	8	20	1	57
Communications	347	231	29	9	11	4	63	181	114	18	4	3	2	40	166	117	11	5	8	2	23
Communications technologies	5	4	1	0	0	0	0	2	2	0	0	0	0	0	3	2	1	0	0	0	0
Computer and information sciences	800	367	16	8	61	1	347	649	286	9	7	46	1	300	151	81	7	1	15	0	47
Education	6,841	5,007	733	278	188	52	583	2,423	1,757	201	103	72	23	267	4,418	3,250	532	175	116	29	316
Engineering	5,422	2,258	96	82	403	14	2,569	4,644	1,884	74	63	339	11	2,273	778	374	22	19	64	3	296
Engineering-related technologies	5	1	0	0	0	0	4	5	1	0	0	0	0	4	0	0	0	0	0	0	0
English language and literature/letters	1,540	1,226	73	50	46	9	136	612	482	20	20	15	4	71	928	744	53	30	31	5	65
Foreign languages and literatures	904	522	20	76	35	3	248	381	216	4	36	13	2	110	523	306	16	40	22	1	138
Health professions and related sciences	2,535	1,606	79	74	207	9	560	1,037	587	21	28	96	1	304	1,498	1,019	58	46	111	8	256
Home economics and vocational home economics	361	257	22	7	7	1	67	97	68	4	1	1	0	23	264	189	18	6	6	1	44
Law and legal studies	58	13	2	0	3	0	40	34	6	0	0	2	0	26	24	7	2	0	1	0	14
Liberal arts and sciences, general studies, and humanities	78	64	4	1	2	0	7	42	35	1	0	0	0	6	36	29	3	1	2	0	1
Library science	55	34	4	1	5	0	11	16	8	1	1	3	0	3	39	26	3	0	2	0	8
Mathematics	1,124	514	14	15	46	0	535	830	349	8	9	31	0	433	294	165	6	6	15	0	102
Multi/interdisciplinary studies	441	318	29	13	12	6	63	224	148	16	4	6	2	48	217	170	13	9	6	4	15
Parks, recreation, leisure and fitness studies	137	82	9	5	12	1	28	93	53	3	4	11	0	22	44	29	6	1	1	1	6
Philosophy and religion	574	450	16	6	31	3	68	433	334	10	4	24	3	58	141	116	6	2	7	0	10
Physical sciences and science technologies	4,190	2,266	69	62	236	11	1,546	3,174	1,744	36	39	155	7	1,193	1,016	522	33	23	81	4	353
Protective services	48	38	5	1	1	0	3	29	21	4	0	1	0	3	19	17	1	1	0	0	0
Psychology	4,248	3,443	210	232	157	34	172	1,385	1,128	51	69	34	13	90	2,863	2,315	159	163	123	21	82
Public administration and services	532	346	65	21	25	1	74	239	130	32	12	13	0	52	293	216	33	9	12	1	22
Social sciences and history	3,855	2,532	178	111	152	21	861	2,270	1,445	94	62	75	12	582	1,585	1,087	84	49	77	9	279
Theological studies and religious vocations	1,452	943	174	34	84	2	215	1,216	793	127	30	74	1	191	236	150	47	4	10	1	24
Visual and performing arts	1,130	814	37	16	46	2	215	574	437	18	7	11	1	100	556	377	19	9	35	1	115
Not classified by field of study	6	6	0	0	0	0	0	4	4	0	0	0	0	0	2	2	0	0	0	0	0

NOTE: Includes Ph.D., Ed.D, and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and law degrees. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services. Data imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared August 2001.)

Table 277.—First-professional degrees conferred by degree-granting institutions, by racial/ethnic group and sex of student: 1976–77 to 1999–2000

Year	Number of degrees conferred							Percentage distribution of degrees conferred to U.S. citizens					
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Total							Total					
1976–77[1]	63,953	58,422	2,537	1,076	1,021	196	701	100.0	92.4	4.0	1.7	1.6	0.3
1978–79[2]	68,611	62,430	2,836	1,283	1,205	216	641	100.0	91.8	4.2	1.9	1.8	0.3
1980–81[3]	71,340	64,551	2,931	1,541	1,456	192	669	100.0	91.3	4.1	2.2	2.1	0.3
1984–85[4]	71,057	63,219	3,029	1,884	1,816	248	861	100.0	90.1	4.3	2.7	2.6	0.4
1986–87	71,617	62,688	3,420	2,051	2,270	304	884	100.0	88.6	4.8	2.9	3.2	0.4
1988–89	70,856	61,214	3,148	2,269	2,976	264	985	100.0	87.6	4.5	3.2	4.3	0.4
1989–90[5]	70,744	60,240	3,410	2,427	3,362	257	1,048	100.0	86.4	4.9	3.5	4.8	0.4
1990–91[6]	71,515	60,327	3,575	2,527	3,755	261	1,070	100.0	85.6	5.1	3.6	5.3	0.4
1991–92[7]	72,129	59,800	3,560	2,766	4,455	296	1,252	100.0	84.4	5.0	3.9	6.3	0.4
1992–93[8]	74,960	60,830	4,100	2,984	5,160	368	1,518	100.0	82.8	5.6	4.1	7.0	0.5
1993–94	75,418	60,140	4,444	3,134	5,892	371	1,437	100.0	81.3	6.0	4.2	8.0	0.5
1994–95	75,800	59,402	4,747	3,231	6,397	412	1,611	100.0	80.1	6.4	4.4	8.6	0.6
1995–96[9]	76,641	59,456	5,016	3,476	6,617	463	1,613	100.0	79.2	6.7	4.6	8.8	0.6
1996–97[10]	77,815	59,852	5,251	3,553	7,037	511	1,611	100.0	78.5	6.9	4.7	9.2	0.7
1997–98[11]	78,353	59,273	5,483	3,547	7,712	561	1,777	100.0	77.4	7.2	4.6	10.1	0.7
1998–99	78,439	58,688	5,332	3,863	8,147	612	1,797	100.0	76.6	7.0	5.0	10.6	0.8
1999–2000	80,057	59,601	5,552	3,865	8,576	564	1,899	100.0	76.3	7.1	4.9	11.0	0.7
	Men							Men					
1976–77[1]	51,980	47,777	1,761	893	776	159	614	100.0	93.0	3.4	1.7	1.5	0.3
1978–79[2]	52,425	48,123	1,783	989	860	150	520	100.0	92.7	3.4	1.9	1.7	0.3
1980–81[3]	52,194	47,629	1,772	1,131	991	134	537	100.0	92.2	3.4	2.2	1.9	0.3
1984–85[4]	47,501	42,630	1,623	1,239	1,152	176	681	100.0	91.1	3.5	2.6	2.5	0.4
1986–87	46,523	41,149	1,835	1,303	1,420	183	633	100.0	89.7	4.0	2.8	3.1	0.4
1988–89	45,046	39,399	1,618	1,374	1,819	148	688	100.0	88.8	3.6	3.1	4.1	0.3
1989–90[5]	43,778	37,850	1,672	1,450	1,963	135	708	100.0	87.9	3.9	3.4	4.6	0.3
1990–91[6]	43,601	37,348	1,672	1,506	2,178	144	753	100.0	87.2	3.9	3.5	5.1	0.3
1991–92[7]	43,812	36,939	1,603	1,635	2,593	157	885	100.0	86.1	3.7	3.8	6.0	0.4
1992–93[8]	44,821	37,157	1,777	1,762	2,858	190	1,077	100.0	84.9	4.1	4.0	6.5	0.4
1993–94	44,707	36,573	1,902	1,781	3,214	222	1,015	100.0	83.7	4.4	4.1	7.4	0.5
1994–95	44,853	36,146	2,077	1,836	3,491	222	1,081	100.0	82.6	4.7	4.2	8.0	0.5
1995–96[9]	44,679	35,732	2,107	1,947	3,533	256	1,104	100.0	82.0	4.8	4.5	8.1	0.6
1996–97[10]	45,067	35,749	2,178	1,951	3,798	289	1,102	100.0	81.3	5.0	4.4	8.6	0.7
1997–98[11]	44,769	35,069	2,303	1,971	3,993	291	1,142	100.0	80.4	5.3	4.5	9.2	0.7
1998–99	44,339	34,250	2,197	2,063	4,332	333	1,164	100.0	79.3	5.1	4.8	10.0	0.8
1999–2000	44,239	33,982	2,312	2,095	4,368	285	1,197	100.0	79.0	5.4	4.9	10.1	0.7
	Women							Women					
1976–77[1]	11,973	10,645	776	183	245	37	87	100.0	89.6	6.5	1.5	2.1	0.3
1978–79[2]	16,186	14,307	1,053	294	345	66	121	100.0	89.1	6.6	1.8	2.1	0.4
1980–81[3]	19,146	16,922	1,159	410	465	58	132	100.0	89.0	6.1	2.2	2.4	0.3
1984–85[4]	23,556	20,589	1,406	645	664	72	180	100.0	88.1	6.0	2.8	2.8	0.3
1986–87	25,094	21,539	1,585	748	850	121	251	100.0	86.7	6.4	3.0	3.4	0.5
1988–89	25,810	21,815	1,530	895	1,157	116	297	100.0	85.5	6.0	3.5	4.5	0.5
1989–90[5]	26,966	22,390	1,738	977	1,399	122	340	100.0	84.1	6.5	3.7	5.3	0.5
1990–91[6]	27,914	22,979	1,903	1,021	1,577	117	317	100.0	83.3	6.9	3.7	5.7	0.4
1991–92[7]	28,317	22,861	1,957	1,131	1,862	139	367	100.0	81.8	7.0	4.0	6.7	0.5
1992–93[8]	30,139	23,673	2,323	1,222	2,302	178	441	100.0	79.7	7.8	4.1	7.8	0.6
1993–94	30,711	23,567	2,542	1,353	2,678	149	422	100.0	77.8	8.4	4.5	8.8	0.5
1994–95	30,947	23,256	2,670	1,395	2,906	190	530	100.0	76.5	8.8	4.6	9.6	0.6
1995–96[9]	31,962	23,724	2,909	1,529	3,084	207	509	100.0	75.4	9.2	4.9	9.8	0.7
1996–97[10]	32,748	24,103	3,073	1,602	3,239	222	509	100.0	74.8	9.5	5.0	10.0	0.7
1997–98[11]	33,584	24,204	3,180	1,576	3,719	270	635	100.0	73.5	9.7	4.8	11.3	0.8
1998–99	34,100	24,438	3,135	1,800	3,815	279	633	100.0	73.0	9.4	5.4	11.4	0.8
1999–2000	35,818	25,619	3,240	1,770	4,208	279	702	100.0	73.0	9.2	5.0	12.0	0.8

[1] Excludes 394 men and 12 women whose racial/ethnic group was not available.

[2] Excludes 227 men and 10 women whose racial/ethnic group was not available.

[3] Excludes 598 men and 18 women whose racial/ethnic group was not available.

[4] Excludes 2,954 men and 1,052 women whose racial/ethnic group was not available.

[5] Excludes 183 men and 61 women whose racial/ethnic group was not available.

[6] Excludes 245 men and 188 women whose racial/ethnic group was not available.

[7] Excludes 1,259 men and 758 women whose racial/ethnic group was not available.

[8] Excludes 332 men and 95 women whose racial/ethnic group was not available.

[9] Excludes 69 men and 24 women whose racial/ethnic group was not available.

[10] Excludes 497 men and 418 women whose racial/ethnic group was not available.

[11] Excludes 142 men and 103 women whose racial/ethnic group was not available.

NOTE: For years 1984–85 to 1999–2000, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.) Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 278.—First-professional degrees conferred by degree-granting institutions, by racial/ethnic group, major field of study, and sex of student: 1999–2000

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields	**80,057**	**59,601**	**5,552**	**3,865**	**8,576**	**564**	**1,899**	**44,239**	**33,982**	**2,312**	**2,095**	**4,368**	**285**	**1,197**	**35,818**	**25,619**	**3,240**	**1,770**	**4,208**	**279**	**702**
Dentistry (D.D.S. or D.M.D.)	4,250	2,658	197	182	948	14	251	2,547	1,723	84	101	510	8	121	1,703	935	113	81	438	6	130
Medicine (M.D.)	15,286	10,475	1,106	825	2,639	124	117	8,761	6,228	431	470	1,501	64	67	6,525	4,247	675	355	1,138	60	50
Optometry (O.D.)	1,293	865	30	45	269	9	75	604	440	9	19	91	3	42	689	425	21	26	178	6	33
Osteopathic medicine (D.O.)	2,236	1,770	77	82	279	14	14	1,399	1,135	34	52	158	9	11	837	635	43	30	121	5	3
Pharmacy (Pharm.D.)	5,669	3,725	465	195	1,139	30	115	1,943	1,306	150	83	348	16	40	3,726	2,419	315	112	791	14	75
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	569	409	41	18	93	2	6	396	300	19	14	57	1	5	173	109	22	4	36	1	1
Veterinary medicine (D.V.M.)	2,251	2,064	49	74	38	14	12	710	657	13	22	12	2	4	1,541	1,407	36	52	26	12	8
Chiropractic medicine (D.C. or D.C.M.)	3,809	2,880	82	116	355	15	361	2,718	2,078	49	78	254	11	248	1,091	802	33	38	101	4	113
Naturopathic medicine	202	171	2	7	11	1	10	61	49	1	4	4	0	3	141	122	1	3	7	1	7
Law (LL.B. or J.D.)	38,152	29,920	2,771	2,183	2,467	324	487	20,638	16,794	1,091	1,144	1,163	162	284	17,514	13,126	1,680	1,039	1,304	162	203
Theology (M.Div., M.H.L., B.D., or Ord.)	6,129	4,493	721	131	320	17	447	4,337	3,165	427	105	261	9	370	1,792	1,328	294	26	59	8	77
Other	211	171	11	7	18	0	4	125	107	4	3	9	0	2	86	64	7	4	9	0	2

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared August 2001.)

Table 279.—First-professional degrees conferred by degree-granting institutions, by racial/ethnic group, major field of study, and sex of student: 1998–99

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields	**78,439**	**58,680**	**5,332**	**3,863**	**8,147**	**612**	**1,797**	**44,339**	**34,250**	**2,197**	**2,063**	**4,332**	**333**	**1,164**	**34,100**	**24,438**	**3,135**	**1,800**	**3,815**	**279**	**633**
Dentistry (D.D.S. or D.M.D.)	4,144	2,575	177	159	940	28	265	2,674	1,789	83	91	521	25	165	1,470	786	94	68	419	3	100
Medicine (M.D.)	15,562	10,536	1,181	836	2,733	125	151	8,954	6,252	466	488	1,594	68	86	6,608	4,284	715	348	1,139	57	65
Optometry (O.D.)	1,285	864	17	43	286	5	70	637	470	5	18	95	4	45	648	394	12	25	191	1	25
Osteopathic medicine (D.O.)	2,135	1,668	106	77	258	17	9	1,338	1,061	52	47	160	12	6	797	607	54	30	98	5	3
Pharmacy (Pharm.D.)	3,992	2,674	334	112	758	23	91	1,319	911	91	38	232	10	37	2,673	1,763	243	74	526	13	54
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	578	429	35	17	83	3	11	417	323	14	9	60	3	8	161	106	21	8	23	0	3
Veterinary medicine (D.V.M.)	2,226	2,016	62	58	54	17	19	725	656	20	28	13	2	6	1,501	1,360	42	30	41	15	13
Chiropractic medicine (D.C. or D.C.M.)	3,639	2,757	107	118	288	22	347	2,594	1,962	66	89	220	17	240	1,045	795	41	29	68	5	107
Naturopathic medicine	111	89	1	3	3	3	12	42	34	0	0	1	3	4	69	55	1	3	2	0	8
Law (LL.B. or J.D.)	39,167	30,746	2,803	2,323	2,461	350	484	21,628	17,690	1,113	1,158	1,206	178	283	17,539	13,056	1,690	1,165	1,255	172	201
Theology (M.Div., M.H.L., B.D., or Ord.)	5,558	4,300	507	115	280	19	337	3,986	3,082	286	96	228	11	283	1,572	1,218	221	19	52	8	54
Other	42	34	2	2	3	0	1	25	20	1	1	2	0	1	17	14	1	1	1	0	0

NOTE: Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Data imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared August 2001.)

Table 280.—Earned degrees in agriculture and natural resources conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	12,672	12,136	536	2,457	2,313	144	1,086	1,055	31
1971–72	13,516	12,779	737	2,680	2,490	190	971	945	26
1972–73	14,756	13,661	1,095	2,807	2,588	219	1,059	1,031	28
1973–74	16,253	14,684	1,569	2,928	2,640	288	930	897	33
1974–75	17,528	15,061	2,467	3,067	2,703	364	991	958	33
1975–76	19,402	15,845	3,557	3,340	2,862	478	928	867	61
1976–77	21,467	16,690	4,777	3,724	3,177	547	893	831	62
1977–78	22,650	17,069	5,581	4,023	3,268	755	971	909	62
1978–79	23,134	16,854	6,280	3,994	3,187	807	950	877	73
1979–80	22,802	16,045	6,757	3,976	3,082	894	991	879	112
1980–81	21,886	15,154	6,732	4,003	3,061	942	1,067	940	127
1981–82	21,029	14,443	6,586	4,163	3,114	1,049	1,079	925	154
1982–83	20,909	14,085	6,824	4,254	3,129	1,125	1,149	1,004	145
1983–84	19,317	13,206	6,111	4,178	2,989	1,189	1,172	1,001	171
1984–85	18,107	12,477	5,630	3,928	2,846	1,082	1,213	1,036	177
1985–86	16,823	11,544	5,279	3,801	2,701	1,100	1,158	966	192
1986–87	14,991	10,314	4,677	3,522	2,460	1,062	1,049	871	178
1987–88	14,222	9,744	4,478	3,479	2,427	1,052	1,142	926	216
1988–89	13,492	9,298	4,194	3,245	2,231	1,014	1,183	950	233
1989–90	12,900	8,822	4,078	3,382	2,239	1,143	1,295	1,038	257
1990–91	13,124	8,832	4,292	3,295	2,160	1,135	1,185	953	232
1991–92	15,124	9,869	5,255	3,735	2,413	1,322	1,214	963	251
1992–93	16,778	11,080	5,698	3,965	2,477	1,488	1,173	879	294
1993–94	18,070	11,748	6,322	4,119	2,515	1,604	1,278	982	296
1994–95	19,841	12,692	7,149	4,252	2,551	1,701	1,264	962	302
1995–96	21,431	13,535	7,896	4,569	2,650	1,919	1,271	935	336
1996–97	22,602	13,794	8,808	4,516	2,608	1,908	1,217	884	333
1997–98	23,284	13,809	9,475	4,475	2,552	1,923	1,302	931	371
1998–99	23,930	13,873	10,057	4,417	2,381	2,036	1,248	869	379
1999–2000	24,247	13,850	10,397	4,375	2,362	2,013	1,181	811	370

NOTE: Includes degrees in agricultural business and production; agricultural sciences; and conservation and renewable natural resources. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 281.—Earned degrees in architecture and related programs conferred by degree-granting institutions, by level of degree and sex of student: 1949–50 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	2,563	2,441	122	166	159	7	1	1	0
1959–60	1,801	1,744	57	319	305	14	17	17	0
1967–68	3,057	2,931	126	1,021	953	68	15	15	0
1969–70	4,105	3,888	217	1,427	1,260	167	35	33	2
1970–71	5,570	4,906	664	1,705	1,469	236	36	33	3
1971–72	6,440	5,667	773	1,899	1,626	273	50	43	7
1972–73	6,962	6,042	920	2,307	1,943	364	58	54	4
1973–74	7,822	6,665	1,157	2,702	2,208	494	69	65	4
1974–75	8,226	6,791	1,435	2,938	2,343	595	69	58	11
1975–76	9,146	7,396	1,750	3,215	2,545	670	82	69	13
1976–77	9,222	7,249	1,973	3,213	2,489	724	73	62	11
1977–78	9,250	7,054	2,196	3,115	2,304	811	73	57	16
1978–79	9,273	6,876	2,397	3,113	2,226	887	96	74	22
1979–80	9,132	6,596	2,536	3,139	2,245	894	79	66	13
1980–81	9,455	6,800	2,655	3,153	2,234	919	93	73	20
1981–82	9,728	6,825	2,903	3,327	2,242	1,085	80	58	22
1982–83	9,823	6,403	3,420	3,357	2,224	1,133	97	74	23
1983–84	9,186	5,895	3,291	3,223	2,197	1,026	84	62	22
1984–85	9,325	6,019	3,306	3,275	2,148	1,127	89	66	23
1985–86	9,119	5,824	3,295	3,260	2,129	1,131	73	56	17
1986–87	8,950	5,617	3,333	3,163	2,086	1,077	92	66	26
1987–88	8,603	5,271	3,332	3,159	2,042	1,117	98	66	32
1988–89	9,150	5,545	3,605	3,383	2,192	1,191	86	63	23
1989–90	9,364	5,703	3,661	3,499	2,228	1,271	103	73	30
1990–91	9,781	5,788	3,993	3,490	2,244	1,246	135	101	34
1991–92	8,753	5,805	2,948	3,640	2,271	1,369	132	93	39
1992–93	9,167	5,940	3,227	3,808	2,376	1,432	148	105	43
1993–94	8,975	5,764	3,211	3,943	2,428	1,515	161	111	50
1994–95	8,756	5,741	3,015	3,923	2,310	1,613	141	95	46
1995–96	8,352	5,340	3,012	3,993	2,361	1,632	141	96	45
1996–97	7,944	5,090	2,854	4,034	2,336	1,698	135	93	42
1997–98	7,652	4,966	2,686	4,347	2,537	1,810	131	80	51
1998–99	8,246	5,157	3,089	4,172	2,394	1,778	123	80	43
1999–2000	8,462	5,193	3,269	4,268	2,508	1,760	129	85	44

NOTE: Prior to 1969–70, includes degrees in architecture. Beginning in 1969–70, includes degrees in architecture; city/urban, community, and regional planning; architectural environmental design; interior architecture; landscape architecture; architectural urban design and planning; and architecture and related programs, other. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 282.—Earned degrees in the biological/life sciences conferred by degree-granting institutions, by level of degree and sex of student: 1951–52 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1951–52	11,094	8,212	2,882	2,307	1,908	399	764	680	84
1953–54	9,279	6,710	2,569	1,610	1,287	323	1,077	977	100
1955–56	12,423	9,515	2,908	1,759	1,379	380	1,025	908	117
1959–60	15,576	11,654	3,922	2,154	1,668	486	1,205	1,086	119
1965–66	26,916	19,368	7,548	4,232	3,085	1,147	2,097	1,792	305
1967–68	31,826	22,986	8,840	5,506	3,959	1,547	2,784	2,345	439
1969–70	34,034	23,919	10,115	5,800	3,975	1,825	3,289	2,820	469
1970–71	35,743	25,333	10,410	5,728	3,805	1,923	3,645	3,050	595
1971–72	37,293	26,323	10,970	6,101	4,087	2,014	3,653	3,031	622
1972–73	42,233	29,636	12,597	6,263	4,354	1,909	3,636	2,926	710
1973–74	48,340	33,245	15,095	6,552	4,555	1,997	3,439	2,740	699
1974–75	51,741	34,612	17,129	6,550	4,587	1,963	3,384	2,641	743
1975–76	54,275	35,520	18,755	6,582	4,497	2,085	3,392	2,663	729
1976–77	53,605	34,218	19,387	7,114	4,718	2,396	3,397	2,671	726
1977–78	51,502	31,705	19,797	6,806	4,400	2,406	3,309	2,511	798
1978–79	48,846	29,191	19,655	6,831	4,265	2,566	3,542	2,636	906
1979–80	46,370	26,828	19,542	6,510	4,098	2,412	3,636	2,690	946
1980–81	43,216	24,149	19,067	5,978	3,654	2,324	3,718	2,666	1,052
1981–82	41,639	22,754	18,885	5,874	3,426	2,448	3,743	2,654	1,089
1982–83	39,982	21,564	18,418	5,696	3,214	2,482	3,341	2,266	1,075
1983–84	38,640	20,558	18,082	5,406	2,996	2,410	3,437	2,381	1,056
1984–85	38,445	20,064	18,381	5,059	2,647	2,412	3,432	2,307	1,125
1985–86	38,524	19,993	18,531	5,013	2,616	2,397	3,358	2,229	1,129
1986–87	38,121	19,657	18,464	4,952	2,538	2,414	3,419	2,225	1,194
1987–88	36,755	18,245	18,510	4,784	2,423	2,361	3,629	2,349	1,280
1988–89	36,059	17,953	18,106	4,961	2,492	2,469	3,520	2,234	1,286
1989–90	37,204	18,312	18,892	4,869	2,395	2,474	3,844	2,394	1,450
1990–91	39,530	19,412	20,118	4,765	2,302	2,463	4,093	2,577	1,516
1991–92	42,941	20,798	22,143	4,785	2,301	2,484	4,243	2,620	1,623
1992–93	47,038	22,842	24,196	4,756	2,343	2,413	4,435	2,664	1,771
1993–94	51,383	25,050	26,333	5,196	2,465	2,731	4,534	2,690	1,844
1994–95	55,984	26,687	29,297	5,393	2,602	2,791	4,645	2,771	1,874
1995–96	60,994	28,849	32,145	6,157	2,902	3,255	4,780	2,773	2,007
1996–97	63,975	29,470	34,505	6,466	3,035	3,431	4,812	2,738	2,074
1997–98	65,868	29,589	36,279	6,261	2,981	3,280	4,961	2,852	2,109
1998–99	65,014	28,254	36,760	6,192	2,839	3,353	4,619	2,669	1,950
1999–2000	63,532	28,504	37,028	6,198	2,773	3,425	4,867	2,722	2,145

NOTE: Includes degrees in biology; biochemistry and biophysics; botany; cell and molecular biology; microbiology/bacteriology; zoology; and other biological sciences. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 283.—Earned degrees in biology, microbiology, and zoology conferred by degree-granting institutions, by level of degree: 1970–71 to 1999–2000

Year	Biology, general			Microbiology[1]			Zoology[2]		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10
1970–71	26,294	2,665	536	1,475	456	365	5,722	1,167	1,107
1971–72	27,473	2,943	580	1,548	470	351	5,522	1,189	1,094
1972–73	31,185	2,959	627	1,940	517	344	5,770	1,191	1,008
1973–74	36,188	3,186	657	2,311	505	384	6,192	1,250	919
1974–75	38,748	3,109	637	2,767	552	345	6,116	1,216	920
1975–76	40,163	3,177	624	2,927	585	364	6,105	1,153	909
1976–77	39,530	3,322	608	2,884	659	325	5,608	1,168	950
1977–78	37,598	3,094	664	2,695	615	353	5,139	1,160	885
1978–79	35,962	3,093	663	2,670	597	395	4,913	1,109	938
1979–80	33,523	2,911	748	2,631	596	376	4,374	1,078	955
1980–81	31,323	2,598	734	2,414	482	370	3,946	1,090	946
1981–82	29,651	2,579	678	2,377	470	350	3,664	1,028	936
1982–83	28,022	2,354	521	2,306	446	331	3,453	918	809
1983–84	27,379	2,313	617	2,329	447	360	3,294	867	826
1984–85	27,593	2,130	658	2,180	413	302	3,128	778	802
1985–86	27,618	2,173	574	2,217	353	336	2,940	723	844
1986–87	27,465	2,022	537	2,098	390	337	2,858	740	787
1987–88	26,838	1,981	576	2,014	357	386	2,580	725	786
1988–89	26,229	2,097	527	1,780	411	356	2,582	736	744
1989–90	27,213	1,998	551	1,814	366	409	2,501	638	810
1990–91	29,285	1,956	632	1,757	324	419	2,673	640	833
1991–92	31,909	1,995	657	1,722	336	454	2,840	620	818
1992–93	34,932	2,000	671	1,769	328	520	3,071	637	786
1993–94	38,103	2,178	665	1,841	332	478	3,207	749	805
1994–95	41,658	2,350	729	1,908	295	443	3,206	689	767
1995–96	44,818	2,606	768	2,130	324	477	3,549	815	855
1996–97	46,632	2,742	693	2,417	326	455	3,526	875	807
1997–98	47,054	2,617	809	2,781	352	438	3,723	821	819
1998–99[3]	46,078	2,608	711	2,768	355	365	3,507	739	800
1999–2000	44,982	2,599	727	2,948	323	383	3,291	743	821

[1] Includes bacteriology.

[2] Includes general zoology; entomology; pathology; pharmacology; physiology; and zoology, other.

[3] Data imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 284.—Earned degrees in business conferred by degree-granting institutions, by level of degree and sex of student: 1955–56 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1955–56	42,813	38,706	4,107	3,280	3,118	162	129	127	2
1959–60	51,076	47,262	3,814	4,643	4,476	167	135	133	2
1965–66	62,721	57,516	5,205	12,959	12,628	331	387	370	17
1967–68	79,074	72,126	6,948	17,795	17,186	609	441	427	14
1969–70	105,580	96,346	9,234	21,561	20,792	769	620	610	10
1970–71	114,729	104,275	10,454	25,977	24,967	1,010	757	736	21
1971–72	121,266	109,688	11,578	30,028	28,845	1,183	859	840	19
1972–73	126,144	112,783	13,361	30,638	29,128	1,510	902	850	52
1973–74	131,640	114,729	16,911	32,172	30,044	2,128	919	870	49
1974–75	132,731	111,144	21,587	35,758	32,732	3,026	936	897	39
1975–76	142,034	113,954	28,080	42,054	37,145	4,909	900	851	49
1976–77	150,765	115,353	35,412	46,006	39,400	6,606	827	775	52
1977–78	159,691	116,171	43,520	47,837	39,743	8,094	823	753	70
1978–79	171,241	118,825	52,416	49,855	40,274	9,581	821	724	97
1979–80	184,867	122,508	62,359	54,484	42,288	12,196	753	642	111
1980–81	198,983	125,523	73,460	57,391	42,980	14,411	795	675	120
1981–82	213,374	129,262	84,112	60,763	43,807	16,956	815	668	147
1982–83	226,627	131,538	95,089	64,758	45,999	18,759	776	644	132
1983–84	229,478	129,559	99,919	66,150	46,178	19,972	929	730	199
1984–85	232,636	127,659	104,977	66,996	46,209	20,787	831	688	143
1985–86	237,319	128,780	108,539	66,689	45,938	20,751	934	729	205
1986–87	240,546	128,603	111,943	67,093	44,913	22,180	1,062	808	254
1987–88	243,021	129,552	113,469	69,230	45,980	23,250	1,063	810	253
1988–89	246,399	131,157	115,242	73,065	48,540	24,525	1,100	800	300
1989–90	248,698	132,329	116,369	76,676	50,585	26,091	1,093	818	275
1990–91	249,311	131,624	117,687	78,255	50,883	27,372	1,185	876	309
1991–92	256,603	135,440	121,163	84,642	54,705	29,937	1,242	953	289
1992–93	256,842	135,573	121,269	89,615	57,651	31,964	1,346	969	377
1993–94	246,654	129,161	117,493	93,437	59,335	34,102	1,364	980	384
1994–95	234,323	121,898	112,425	93,809	59,109	34,700	1,394	1,014	380
1995–96	227,102	116,842	110,260	93,982	58,685	35,297	1,368	974	394
1996–97	226,633	116,519	110,114	97,619	59,611	38,008	1,336	947	389
1997–98	233,119	120,069	113,050	102,171	62,713	39,458	1,290	885	405
1998–99	242,236	123,158	119,078	108,085	65,113	42,972	1,202	844	358
1999–2000	257,709	129,664	128,045	112,258	67,544	44,714	1,196	814	382

NOTE: Includes degrees in business management/administrative services; marketing operations/marketing and distribution; and consumer and personal services. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 285.—Earned degrees in communications conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	10,802	6,989	3,813	1,856	1,214	642	145	126	19
1971–72	12,340	7,964	4,376	2,200	1,443	757	111	96	15
1972–73	14,317	9,074	5,243	2,406	1,546	860	139	114	25
1973–74	17,096	10,536	6,560	2,640	1,668	972	175	146	29
1974–75	19,248	11,455	7,793	2,794	1,618	1,176	165	119	46
1975–76	21,282	12,458	8,824	3,126	1,818	1,308	204	154	50
1976–77	23,214	12,932	10,282	3,091	1,719	1,372	171	130	41
1977–78	25,400	13,480	11,920	3,296	1,673	1,623	191	138	53
1978–79	26,457	13,266	13,191	2,882	1,483	1,399	192	138	54
1979–80	28,616	13,656	14,960	3,082	1,527	1,555	193	121	72
1980–81	31,282	14,179	17,103	3,105	1,448	1,657	182	107	75
1981–82	34,222	14,917	19,305	3,327	1,578	1,749	200	136	64
1982–83	38,567	16,161	22,406	3,604	1,661	1,943	214	126	88
1983–84	40,113	16,604	23,509	3,656	1,600	2,056	219	131	88
1984–85	42,002	17,175	24,827	3,669	1,576	2,093	234	143	91
1985–86	43,076	17,639	25,437	3,823	1,610	2,213	223	116	107
1986–87	45,337	18,110	27,227	3,893	1,590	2,303	275	158	117
1987–88	46,649	18,527	28,122	3,925	1,568	2,357	234	134	100
1988–89	48,609	19,215	29,394	4,257	1,737	2,520	253	138	115
1989–90	51,308	20,218	31,090	4,362	1,707	2,655	273	145	128
1990–91	52,773	20,645	32,128	4,336	1,711	2,625	274	151	123
1991–92	54,977	21,497	33,480	4,464	1,692	2,772	255	132	123
1992–93	54,706	22,028	32,678	5,209	1,980	3,229	301	146	155
1993–94	51,827	21,359	30,468	5,419	2,098	3,321	345	174	171
1994–95	48,803	20,404	28,399	5,609	2,108	3,501	321	162	159
1995–96	48,003	19,760	28,243	5,604	2,171	3,433	345	190	155
1996–97	47,768	19,688	28,080	5,601	2,004	3,597	300	155	145
1997–98	50,114	20,014	30,100	6,175	2,392	3,783	359	171	188
1998–99	52,319	20,861	31,458	5,618	2,032	3,586	352	183	169
1999–2000	56,910	22,063	34,847	5,605	2,059	3,546	357	168	189

NOTE: Includes degrees in communications, general; advertising; journalism; broadcast journalism; public relations and organizational communications; radio and television broadcasting, other communications; and communications technologies. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 286.—Earned degrees in computer and information sciences conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	2,388	2,064	324	1,588	1,424	164	128	125	3
1971–72	3,402	2,941	461	1,977	1,752	225	167	155	12
1972–73	4,304	3,664	640	2,113	1,888	225	196	181	15
1973–74	4,756	3,976	780	2,276	1,983	293	198	189	9
1974–75	5,033	4,080	953	2,299	1,961	338	213	199	14
1975–76	5,652	4,534	1,118	2,603	2,226	377	244	221	23
1976–77	6,407	4,876	1,531	2,798	2,332	466	216	197	19
1977–78	7,201	5,349	1,852	3,038	2,471	567	196	181	15
1978–79	8,719	6,272	2,447	3,055	2,480	575	236	206	30
1979–80	11,154	7,782	3,372	3,647	2,883	764	240	213	27
1980–81	15,121	10,202	4,919	4,218	3,247	971	252	227	25
1981–82	20,267	13,218	7,049	4,935	3,625	1,310	251	230	21
1982–83	24,510	15,606	8,904	5,321	3,813	1,508	262	228	34
1983–84	32,172	20,246	11,926	6,190	4,379	1,811	251	225	26
1984–85	38,878	24,579	14,299	7,101	5,064	2,037	248	223	25
1985–86	41,889	26,923	14,966	8,070	5,658	2,412	344	299	45
1986–87	39,589	25,865	13,724	8,481	5,985	2,496	374	322	52
1987–88	34,523	23,331	11,192	9,197	6,726	2,471	428	380	48
1988–89	30,454	21,087	9,367	9,414	6,775	2,639	551	466	85
1989–90	27,257	19,117	8,140	9,677	6,960	2,717	627	534	93
1990–91	25,083	17,726	7,357	9,324	6,563	2,761	676	584	92
1991–92	24,557	17,510	7,047	9,530	6,884	2,646	772	669	103
1992–93	24,200	17,403	6,797	10,163	7,410	2,753	805	689	116
1993–94	24,200	17,317	6,883	10,416	7,724	2,692	810	685	125
1994–95	24,404	17,463	6,941	10,326	7,627	2,699	884	723	161
1995–96	24,098	17,468	6,630	10,151	7,444	2,707	867	741	126
1996–97	24,768	18,037	6,731	10,098	7,248	2,850	857	721	136
1997–98	26,852	19,686	7,166	11,246	7,987	3,259	858	718	140
1998–99	29,345	21,392	7,953	12,250	8,458	3,792	800	649	151
1999–2000	36,195	26,042	10,153	14,264	9,512	4,752	777	646	131

NOTE: Includes degrees in computer and information sciences, general; computer programming; data processing technology/technician; information science and systems; computer systems analysis; and other computer and information sciences. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 287.—Earned degrees in education conferred by degree-granting institutions, by level of degree and sex of student: 1949–50 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	61,472	31,398	30,074	20,069	12,025	8,044	953	797	156
1959–60	89,002	25,556	63,446	33,433	18,057	15,376	1,591	1,279	312
1967–68	133,965	31,926	102,039	63,399	30,672	32,727	4,078	3,250	828
1969–70	163,964	40,420	123,544	78,020	34,832	43,188	5,588	4,479	1,109
1970–71	176,307	44,896	131,411	87,666	38,365	49,301	6,041	4,771	1,270
1971–72	190,880	49,344	141,536	96,668	41,141	55,527	6,648	5,104	1,544
1972–73	193,984	51,300	142,684	103,777	43,298	60,479	6,857	5,191	1,666
1973–74	184,907	48,997	135,910	110,402	44,112	66,290	6,757	4,974	1,783
1974–75	166,758	44,463	122,295	117,841	44,430	73,411	6,975	4,856	2,119
1975–76	154,437	42,004	112,433	126,061	44,831	81,230	7,202	4,826	2,376
1976–77	143,234	39,867	103,367	124,267	42,308	81,959	7,338	4,832	2,506
1977–78	135,821	37,410	98,411	116,916	37,662	79,254	7,018	4,281	2,737
1978–79	125,873	33,743	92,130	109,866	34,410	75,456	7,170	4,174	2,996
1979–80	118,038	30,901	87,137	101,819	30,300	71,519	7,314	4,100	3,214
1980–81	108,074	27,039	81,035	96,713	27,548	69,165	7,279	3,843	3,436
1981–82	100,932	24,380	76,552	91,601	25,339	66,262	6,999	3,612	3,387
1982–83	97,895	23,644	74,251	83,250	22,823	60,427	7,057	3,547	3,510
1983–84	92,299	22,195	70,104	75,664	21,142	54,522	6,911	3,446	3,465
1984–85	88,072	21,252	66,820	74,654	20,537	54,117	6,612	3,172	3,440
1985–86	87,114	20,959	66,155	74,801	20,295	54,506	6,605	3,088	3,517
1986–87	86,936	20,729	66,207	74,045	19,293	54,752	6,407	2,931	3,476
1987–88	91,112	20,988	70,124	76,566	19,108	57,458	6,060	2,739	3,321
1988–89	96,913	21,662	75,251	81,174	19,956	61,218	6,337	2,704	3,633
1989–90	105,112	23,007	82,105	84,881	20,467	64,414	6,502	2,776	3,726
1990–91	110,807	23,417	87,390	87,343	20,448	66,895	6,187	2,613	3,574
1991–92	108,006	22,686	85,320	92,668	21,244	71,424	6,864	2,783	4,081
1992–93	107,781	23,233	84,548	96,028	22,197	73,831	7,030	2,867	4,163
1993–94	107,600	24,450	83,150	98,938	23,008	75,930	6,908	2,706	4,202
1994–95	106,079	25,641	80,438	101,242	23,806	77,436	6,905	2,621	4,284
1995–96	105,509	26,233	79,276	106,253	25,214	81,039	6,676	2,525	4,151
1996–97	105,233	26,271	78,962	110,087	25,806	84,281	6,751	2,512	4,239
1997–98	105,968	26,302	79,666	114,691	27,070	87,621	6,729	2,479	4,250
1998–99	107,172	26,226	80,946	119,427	28,263	91,164	6,841	2,423	4,418
1999–2000	108,168	26,124	82,044	124,240	29,321	94,919	6,830	2,419	4,411

NOTE: Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 288.—Earned degrees in engineering conferred by degree-granting institutions, by level of degree and sex of student: 1949–50 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	52,246	52,071	175	4,496	4,481	15	417	416	1
1959–60	37,679	37,537	142	7,159	7,133	26	786	783	3
1969–70	44,479	44,149	330	15,593	15,421	172	3,681	3,657	24
1970–71	50,046	49,646	400	16,443	16,258	185	3,638	3,615	23
1971–72	51,164	50,638	526	16,960	16,688	272	3,671	3,649	22
1972–73	51,265	50,652	613	16,619	16,341	278	3,492	3,438	54
1973–74	50,286	49,490	796	15,379	15,023	356	3,312	3,257	55
1974–75	46,852	45,838	1,014	15,348	14,973	375	3,108	3,042	66
1975–76	46,331	44,871	1,460	16,342	15,760	582	2,821	2,755	66
1976–77	49,283	47,065	2,218	16,245	15,525	720	2,586	2,513	73
1977–78	55,654	51,945	3,709	16,398	15,533	865	2,440	2,383	57
1978–79	62,375	57,201	5,174	15,495	14,544	951	2,506	2,423	83
1979–80	68,893	62,488	6,405	16,243	15,101	1,142	2,507	2,412	95
1980–81	75,000	67,301	7,699	16,709	15,347	1,362	2,561	2,457	104
1981–82	80,005	70,899	9,106	17,939	16,311	1,628	2,636	2,496	140
1982–83	89,018	78,096	10,922	19,344	17,548	1,796	2,831	2,706	125
1983–84	94,185	82,092	12,093	20,655	18,500	2,155	2,981	2,816	165
1984–85	95,828	83,232	12,596	21,555	19,247	2,308	3,230	3,022	208
1985–86	95,660	83,117	12,543	21,657	19,165	2,492	3,410	3,181	229
1986–87	92,816	80,104	12,712	22,654	19,804	2,850	3,818	3,555	263
1987–88	88,506	76,372	12,134	23,385	20,476	2,909	4,191	3,898	293
1988–89	85,002	73,436	11,566	24,568	21,374	3,194	4,523	4,123	400
1989–90	81,322	70,071	11,251	24,772	21,357	3,415	4,981	4,536	445
1990–91	78,650	67,738	10,912	24,958	21,430	3,528	5,272	4,787	485
1991–92	77,541	66,716	10,825	25,977	22,143	3,834	5,499	4,972	527
1992–93	78,051	66,836	11,215	28,726	24,454	4,272	5,843	5,283	560
1993–94	78,225	66,597	11,628	29,754	25,154	4,600	5,979	5,315	664
1994–95	78,154	65,933	12,221	29,670	24,836	4,834	6,128	5,399	729
1995–96	77,437	64,956	12,481	28,566	23,641	4,925	6,380	5,580	800
1996–97	75,157	62,648	12,509	26,827	21,928	4,899	6,210	5,446	764
1997–98	73,910	61,440	12,470	27,088	21,698	5,390	5,994	5,261	733
1998–99	71,904	59,187	12,717	26,558	21,268	5,290	5,427	4,649	778
1999–2000	72,555	59,145	13,410	26,522	20,968	5,554	5,390	4,555	835

NOTE: Includes degrees in engineering; engineering-related technologies; construction trades; and mechanics and repairers from 1969–70 through 1999–2000. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 289.—Earned degrees in chemical, civil, electrical, and mechanical engineering conferred by degree-granting institutions, by level of degree: 1970–71 to 1999–2000

Year	Chemical engineering			Civil engineering			Electrical, electronics, and communications engineering			Mechanical engineering		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10	11	12	13
1970–71	3,579	1,100	406	6,526	2,425	446	12,198	4,282	879	8,858	2,237	438
1971–72	3,625	1,154	394	6,803	2,487	415	12,101	4,206	824	8,530	2,282	411
1972–73	3,578	1,051	397	7,390	2,627	397	12,313	3,895	791	8,523	2,141	370
1973–74	3,399	1,044	400	8,017	2,652	368	11,316	3,499	705	7,677	1,843	385
1974–75	3,070	990	346	7,651	2,769	356	10,161	3,469	701	6,890	1,858	340
1975–76	3,140	1,031	308	7,923	2,999	370	9,791	3,774	649	6,800	1,907	305
1976–77	3,524	1,086	291	8,228	2,964	309	9,936	3,788	566	7,703	1,952	283
1977–78	4,569	1,235	259	9,135	2,685	277	11,133	3,740	503	8,875	1,942	279
1978–79	5,568	1,149	304	9,809	2,646	253	12,338	3,591	586	10,107	1,877	271
1979–80	6,320	1,270	284	10,326	2,683	270	13,821	3,836	525	11,808	2,060	281
1980–81	6,527	1,267	300	10,678	2,891	325	14,938	3,901	535	13,329	2,291	276
1981–82	6,740	1,285	311	10,524	2,995	329	16,455	4,462	526	13,922	2,399	333
1982–83	7,185	1,368	319	9,989	3,074	340	18,049	4,531	550	15,675	2,511	299
1983–84	7,475	1,514	330	9,693	3,146	369	19,943	5,078	585	16,629	2,797	319
1984–85	7,146	1,544	418	9,162	3,172	377	21,691	5,153	660	16,794	3,053	409
1985–86	5,877	1,361	446	8,679	2,926	395	23,742	5,534	722	16,194	3,075	426
1986–87	4,991	1,184	497	8,147	2,901	451	24,547	6,183	724	15,450	3,198	528
1987–88	3,917	1,088	579	7,488	2,836	481	23,597	6,688	860	14,900	3,329	596
1988–89	3,663	1,093	602	7,312	2,903	505	21,908	7,028	998	14,843	3,498	633
1989–90	3,430	1,035	562	7,252	2,812	516	20,711	7,225	1,162	14,336	3,424	742
1990–91	3,444	903	611	7,314	2,927	536	19,320	7,095	1,220	13,977	3,516	757
1991–92	3,754	956	590	8,034	3,113	540	17,958	7,360	1,282	14,067	3,653	851
1992–93	4,459	990	595	8,868	3,610	577	17,281	7,870	1,413	14,464	3,982	871
1993–94	5,163	1,032	604	9,479	3,873	651	15,823	7,791	1,470	15,030	4,099	887
1994–95	5,901	1,085	571	9,927	4,077	625	14,929	7,693	1,543	14,794	4,213	890
1995–96	6,319	1,176	670	10,607	3,905	616	13,900	7,103	1,591	14,177	3,881	940
1996–97	6,564	1,131	650	10,437	3,833	640	13,336	6,393	1,512	13,493	3,608	913
1997–98	6,319	1,128	652	9,926	3,795	610	12,995	6,737	1,458	13,071	3,441	933
1998–99	6,033	1,130	572	9,121	3,648	543	12,531	6,690	1,303	12,705	3,258	774
1999–2000	5,807	1,078	590	8,136	3,433	543	12,930	6,926	1,392	12,807	3,273	776

NOTE: From 1970–71 to 1981–82, civil engineering includes construction and transportation engineering. Degrees in engineering-related technologies are not included in this tabulation. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 290.—Earned degrees in English language and literature/letters conferred by degree-granting institutions, by level of degree and sex of student: 1949–50 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	17,240	8,221	9,019	2,259	1,320	939	230	181	49
1959–60	20,128	7,580	12,548	2,931	1,458	1,473	397	314	83
1969–70	56,410	18,650	37,760	8,517	3,326	5,191	1,213	837	376
1970–71	64,342	22,155	42,187	10,686	4,211	6,475	1,650	1,175	475
1971–72	63,976	22,657	41,319	10,579	4,123	6,456	1,826	1,233	593
1972–73	61,003	22,156	38,847	10,239	4,063	6,176	1,935	1,258	677
1973–74	54,590	20,214	34,376	9,803	3,917	5,886	1,885	1,208	677
1974–75	47,619	17,880	29,739	9,444	3,569	5,875	1,711	1,025	686
1975–76	42,006	16,073	25,933	8,809	3,383	5,426	1,672	967	705
1976–77	37,794	14,295	23,499	8,016	2,985	5,031	1,508	841	667
1977–78	35,328	13,137	22,191	7,655	2,706	4,949	1,400	758	642
1978–79	33,561	12,198	21,363	6,684	2,369	4,315	1,314	708	606
1979–80	32,541	11,380	21,161	6,189	2,233	3,956	1,294	686	608
1980–81	32,254	11,198	21,056	5,929	2,092	3,837	1,164	553	611
1981–82	33,419	11,414	22,005	5,772	1,983	3,789	1,101	511	590
1982–83	31,829	10,859	20,970	5,048	1,710	3,338	991	471	520
1983–84	32,834	11,170	21,664	5,010	1,736	3,274	1,018	459	559
1984–85	33,218	11,334	21,884	5,187	1,786	3,401	1,041	470	571
1985–86	34,552	11,819	22,733	5,518	1,881	3,637	991	428	563
1986–87	36,284	12,353	23,931	5,483	1,891	3,592	961	415	546
1987–88	38,661	12,836	25,825	5,562	1,870	3,692	981	428	553
1988–89	42,470	13,927	28,543	5,950	2,002	3,948	1,022	458	564
1989–90	47,519	15,662	31,857	6,567	2,205	4,362	1,078	480	598
1990–91	51,841	17,146	34,695	7,026	2,296	4,730	1,184	517	667
1991–92	54,951	18,536	36,415	7,450	2,513	4,937	1,273	537	736
1992–93	56,133	19,247	36,886	7,790	2,667	5,123	1,341	550	791
1993–94	53,924	18,425	35,499	7,885	2,712	5,173	1,344	568	776
1994–95	51,901	17,810	34,091	7,845	2,764	5,081	1,561	665	896
1995–96	50,698	17,253	33,445	7,893	2,814	5,079	1,535	590	945
1996–97	49,345	16,531	32,814	7,722	2,733	4,989	1,575	670	905
1997–98	49,708	16,477	33,231	7,795	2,643	5,152	1,639	670	969
1998–99	50,535	16,490	34,045	7,478	2,504	4,974	1,540	612	928
1999–2000	50,920	16,341	34,579	7,230	2,393	4,837	1,628	671	957

NOTE: Includes degrees conferred in English language and literature, general; comparative literature; English composition; English creative writing; American literature; English literature; speech and rhetorical studies; English technical and business writing; and English language and literature/letters, other. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 291.—Earned degrees in modern foreign languages and literatures conferred by degree-granting institutions, by level of degree and sex of student: 1949–50 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	4,477	1,746	2,731	919	456	463	168	135	33
1959–60	4,527	1,548	2,979	832	392	440	150	100	50
1969–70	19,457	4,921	14,536	4,154	1,476	2,678	590	369	221
1970–71	19,055	4,734	14,321	4,407	1,492	2,915	703	425	278
1971–72	18,137	4,445	13,692	4,277	1,449	2,828	753	466	287
1972–73	18,232	4,347	13,885	3,992	1,407	2,585	889	519	370
1973–74	18,252	4,276	13,976	3,793	1,252	2,541	875	487	388
1974–75	17,115	3,912	13,203	3,672	1,179	2,493	829	442	387
1975–76	15,079	3,495	11,584	3,359	1,095	2,264	830	429	401
1976–77	13,626	3,225	10,401	2,986	886	2,100	728	347	381
1977–78	12,448	2,938	9,510	2,653	768	1,885	626	282	344
1978–79	11,531	2,705	8,826	2,338	685	1,653	625	287	338
1979–80	10,816	2,583	8,233	2,152	628	1,524	522	217	305
1980–81	10,050	2,402	7,648	2,018	657	1,361	556	259	297
1981–82	9,576	2,278	7,298	1,913	571	1,342	495	220	275
1982–83	9,334	2,343	6,991	1,597	528	1,069	451	183	268
1983–84	9,152	2,399	6,753	1,640	512	1,128	424	191	233
1984–85	9,675	2,529	7,146	1,611	503	1,108	387	156	231
1985–86	9,808	2,685	7,123	1,655	482	1,173	426	173	253
1986–87	9,858	2,655	7,203	1,692	491	1,201	403	162	241
1987–88	9,790	2,628	7,162	1,795	564	1,231	380	159	221
1988–89	10,498	2,767	7,731	1,821	552	1,269	389	145	244
1989–90	11,092	2,902	8,190	1,931	584	1,347	475	183	292
1990–91	11,724	3,207	8,517	1,973	595	1,378	477	200	277
1991–92	12,367	3,390	8,977	2,119	652	1,467	537	222	315
1992–93	12,819	3,537	9,282	2,353	744	1,609	535	210	325
1993–94	12,785	3,672	9,113	2,343	712	1,631	578	208	370
1994–95	12,309	3,666	8,643	2,306	688	1,618	626	250	376
1995–96	13,020	3,916	9,104	2,443	789	1,654	636	261	375
1996–97	12,256	3,553	8,703	2,229	668	1,561	622	247	375
1997–98	12,769	3,679	9,090	2,064	612	1,452	628	253	375
1998–99	13,268	3,835	9,433	1,964	578	1,386	591	231	360
1999–2000	13,172	3,666	9,506	1,900	564	1,336	614	237	377

NOTE: Includes degrees conferred in a single language or a combination of modern foreign languages. Excludes degrees in linguistics, Latin, classics, ancient and medieval Greek, and other foreign languages. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 292.—Earned degrees in French, German, and Spanish conferred by degree-granting institutions, by level of degree: 1949–50 to 1999–2000

Year	French			German			Spanish		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10
1949–50	1,471	299	53	540	121	40	2,122	373	34
1959–60	1,927	316	58	659	126	21	1,610	261	31
1967–68	7,068	1,301	152	2,368	771	117	6,381	1,188	123
1969–70	7,624	1,409	181	2,652	669	118	7,226	1,372	139
1970–71	7,306	1,437	192	2,601	690	144	7,068	1,456	168
1974–75	5,745	1,077	200	2,289	480	147	6,719	1,228	202
1975–76	4,783	914	190	1,983	471	164	5,984	1,080	176
1976–77	4,228	875	177	1,820	394	126	5,359	930	153
1977–78	3,708	692	155	1,647	357	101	4,832	822	113
1978–79	3,558	576	143	1,524	344	106	4,563	720	118
1979–80	3,285	513	128	1,466	309	94	4,331	685	103
1980–81	3,178	460	115	1,286	294	79	3,870	592	131
1981–82	3,054	485	92	1,327	324	76	3,633	568	140
1982–83	2,871	360	106	1,367	281	68	3,349	506	129
1983–84	2,876	418	86	1,292	241	63	3,254	537	102
1984–85	2,991	385	74	1,411	240	58	3,415	505	115
1985–86	3,015	409	86	1,396	249	73	3,385	521	95
1986–87	3,062	421	85	1,366	234	70	3,450	504	104
1987–88	3,082	437	89	1,350	244	71	3,416	553	93
1988–89	3,297	444	83	1,428	263	59	3,748	552	101
1989–90	3,259	478	115	1,437	253	67	4,176	573	108
1990–91	3,355	480	98	1,543	242	58	4,480	609	125
1991–92	3,371	465	112	1,616	273	85	4,768	647	143
1992–93	3,280	513	98	1,572	317	86	5,233	667	145
1993–94	3,094	479	104	1,580	298	61	5,505	691	160
1994–95	2,764	470	118	1,352	278	83	5,602	709	161
1995–96	2,655	446	113	1,290	305	75	5,995	769	151
1996–97	2,468	414	119	1,214	281	80	6,161	677	175
1997–98	2,530	389	104	1,181	209	94	6,595	781	160
1998–99	2,555	357	116	1,246	238	77	6,964	694	152
1999–2000	2,514	343	129	1,125	184	76	7,031	718	175

NOTE: Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 293.—Earned degrees in the health professions and related sciences conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	25,226	5,788	19,438	5,749	2,567	3,182	466	389	77
1974–75	49,090	10,930	38,160	10,692	4,092	6,600	618	441	177
1975–76	53,958	11,456	42,502	12,556	4,217	8,339	577	411	166
1976–77	57,328	11,947	45,381	12,951	4,163	8,788	538	366	172
1977–78	59,434	11,593	47,841	14,325	4,265	10,060	654	402	252
1978–79	62,085	11,205	50,880	15,485	4,494	10,991	718	454	264
1979–80	63,920	11,391	52,529	15,704	4,357	11,347	786	435	351
1980–81	63,649	10,519	53,130	16,515	4,316	12,199	842	475	367
1981–82	63,653	10,105	53,548	16,503	4,006	12,497	925	503	422
1982–83	64,685	10,218	54,467	17,047	4,235	12,812	1,155	649	506
1983–84	64,288	10,040	54,248	17,411	4,251	13,160	1,164	574	590
1984–85	64,422	9,741	54,681	17,385	4,119	13,266	1,199	565	634
1985–86	64,396	9,630	54,766	18,573	4,428	14,145	1,241	604	637
1986–87	63,103	9,134	53,969	18,394	3,874	14,520	1,213	564	649
1987–88	60,644	8,929	51,715	18,657	4,047	14,610	1,261	548	713
1988–89	59,005	8,872	50,133	19,268	4,226	15,042	1,437	609	828
1989–90	58,302	9,118	49,184	20,321	4,534	15,787	1,536	704	832
1990–91	59,070	9,596	49,474	21,200	4,444	16,756	1,613	694	919
1991–92	61,720	10,189	51,531	23,065	4,691	18,374	1,661	698	963
1992–93	67,089	11,347	55,742	25,718	5,227	20,491	1,767	753	1,014
1993–94	74,421	13,062	61,359	28,025	5,814	22,211	1,902	789	1,113
1994–95	79,855	14,443	65,412	31,243	6,754	24.489	2,069	867	1,202
1995–96	84,036	15,432	68,604	33,398	7,021	26,377	2,119	919	1,200
1996–97	85,631	15,877	69,754	35,958	7,702	28,256	2,672	1,176	1,496
1997–98	84,379	15,082	69,297	39,260	8,751	30,509	2,484	931	1,553
1998–99	82,622	14,520	68,102	40,589	9,434	31,155	2,535	1,037	1,498
1999–2000	78,458	12,727	65,731	42,456	9,624	32,832	2,676	1,038	1,638

NOTE: Includes degrees in chiropractic; communication disorders sciences; community health liaison; dentistry; dental services; health services administration; health and medical assistants; health and medical diagnostic and treatment services; medical laboratory technologies; predentistry; premedicine; prepharmacy; preveterinary; medical basic sciences; mental health services; nursing; optometry; pharmacy; epidemiology; rehabilitation and therapeutic services; veterinary medicine; and other health professions. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 294.—Earned degrees in mathematics conferred by degree-granting institutions, by level of degree and sex of student: 1949–50 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	6,382	4,942	1,440	974	784	190	160	151	9
1959–60	11,399	8,293	3,106	1,757	1,422	335	303	285	18
1967–68	23,513	14,782	8,731	5,527	4,199	1,328	947	895	5
1969–70	27,442	17,177	10,265	5,636	3,966	1,670	1,236	1,140	96
1970–71	24,937	15,498	9,439	5,695	4,149	1,546	1,249	1,154	95
1971–72	23,807	14,542	9,265	5,537	3,976	1,561	1,165	1,075	90
1972–73	23,186	13,910	9,276	5,397	3,878	1,519	1,089	987	102
1973–74	21,761	12,912	8,849	5,306	3,784	1,522	1,093	992	101
1974–75	18,460	10,853	7,607	4,816	3,358	1,458	1,048	936	112
1975–76	16,329	9,788	6,541	4,315	2,961	1,354	909	812	97
1976–77	14,395	8,476	5,919	4,109	2,762	1,347	859	748	111
1977–78	13,065	7,806	5,259	3,862	2,635	1,227	848	722	126
1978–79	12,329	7,301	5,028	3,553	2,412	1,141	769	644	125
1979–80	11,872	6,951	4,921	3,382	2,262	1,120	763	659	104
1980–81	11,433	6,614	4,819	3,074	2,106	968	775	656	119
1981–82	12,226	6,999	5,227	3,263	2,257	1,006	721	623	98
1982–83	12,719	7,175	5,544	3,398	2,316	1,082	731	611	120
1983–84	13,764	7,716	6,048	3,244	2,178	1,066	743	614	129
1984–85	15,861	8,537	7,324	3,413	2,289	1,124	734	620	114
1985–86	17,147	9,216	7,931	3,607	2,397	1,210	777	648	129
1986–87	16,999	9,110	7,889	3,730	2,328	1,402	759	628	131
1987–88	16,608	8,919	7,689	3,867	2,391	1,476	796	668	128
1988–89	15,994	8,662	7,332	3,903	2,418	1,485	915	737	178
1989–90	15,176	8,236	6,940	4,146	2,568	1,578	966	794	172
1990–91	15,310	8,178	7,132	4,041	2,446	1,595	1,036	837	199
1991–92	14,783	7,888	6,895	4,011	2,452	1,559	1,082	851	231
1992–93	14,812	7,827	6,985	4,067	2,455	1,612	1,189	906	283
1993–94	14,396	7,735	6,661	4,100	2,536	1,564	1,157	904	253
1994–95	13,723	7,295	6,428	4,181	2,543	1,638	1,226	955	271
1995–96	13,143	7,134	6,009	4,031	2,465	1,566	1,209	962	247
1996–97	12,820	6,908	5,912	3,783	2,241	1,542	1,174	891	283
1997–98	12,328	6,596	5,732	3,643	2,151	1,492	1,259	936	323
1998–99	12,539	6,545	5,994	3,466	2,027	1,439	1,124	830	294
1999–2000	12,070	6,382	5,688	3,412	1,881	1,531	1,106	830	276

NOTE: Includes degrees conferred in statistics. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 295.—Earned degrees in the physical sciences conferred by degree-granting institutions, by level of degree and sex of student: 1959–60 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1959–60	16,007	14,013	1,994	3,376	3,049	327	1,838	1,776	62
1967–68	19,380	16,739	2,641	5,499	4,869	630	3,593	3,405	188
1969–70	21,439	18,522	2,917	5,935	5,093	842	4,312	4,077	235
1970–71	21,412	18,459	2,953	6,367	5,521	846	4,390	4,144	246
1971–72	20,745	17,663	3,082	6,287	5,404	883	4,103	3,830	273
1972–73	20,696	17,626	3,070	6,257	5,414	843	4,006	3,738	268
1973–74	21,178	17,674	3,504	6,062	5,186	876	3,626	3,373	253
1974–75	20,778	16,992	3,786	5,807	4,969	838	3,626	3,325	301
1975–76	21,465	17,353	4,112	5,466	4,648	818	3,431	3,132	299
1976–77	22,497	17,996	4,501	5,331	4,450	881	3,341	3,022	319
1977–78	22,986	18,090	4,896	5,561	4,620	941	3,133	2,821	312
1978–79	23,207	17,985	5,222	5,451	4,461	990	3,102	2,752	350
1979–80	23,410	17,864	5,546	5,219	4,248	971	3,089	2,705	384
1980–81	23,952	18,064	5,888	5,284	4,200	1,084	3,141	2,765	376
1981–82	24,052	17,866	6,186	5,514	4,318	1,196	3,286	2,835	451
1982–83	23,381	16,993	6,388	5,290	4,157	1,133	3,269	2,811	458
1983–84	23,651	17,116	6,535	5,576	4,268	1,308	3,306	2,815	491
1984–85	23,704	17,069	6,635	5,796	4,452	1,344	3,403	2,851	552
1985–86	21,717	15,755	5,962	5,902	4,470	1,432	3,551	2,963	588
1986–87	20,070	14,372	5,698	5,629	4,219	1,410	3,673	3,039	634
1987–88	17,806	12,389	5,417	5,733	4,324	1,409	3,809	3,123	686
1988–89	17,186	12,077	5,109	5,723	4,199	1,524	3,858	3,088	770
1989–90	16,066	11,031	5,035	5,449	4,010	1,439	4,164	3,356	808
1990–91	16,344	11,176	5,168	5,309	3,837	1,472	4,290	3,447	843
1991–92	16,960	11,431	5,529	5,374	3,909	1,465	4,391	3,429	962
1992–93	17,545	11,825	5,720	5,366	3,808	1,558	4,393	3,432	961
1993–94	18,400	12,223	6,177	5,679	4,018	1,661	4,650	3,642	1,008
1994–95	19,177	12,497	6,680	5,753	4,013	1,740	4,483	3,428	1,055
1995–96	19,647	12,578	7,069	5,847	3,966	1,881	4,571	3,515	1,056
1996–97	19,531	12,228	7,303	5,563	3,752	1,811	4,474	3,444	1,030
1997–98	19,416	11,955	7,461	5,361	3,435	1,926	4,571	3,417	1,154
1998–99	18,337	11,029	7,308	5,159	3,384	1,775	4,190	3,174	1,016
1999–2000	18,385	10,972	7,413	4,841	3,126	1,715	4,018	2,994	1,024

NOTE: Includes degrees in physical sciences, general; astronomy; astrophysics; atmospheric science and meteorology; chemistry; geology; miscellaneous physical sciences; physics; science technologies; and other physical sciences. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 296.—Earned degrees in chemistry, geology, and physics conferred by degree-granting institutions, by level of degree: 1970–71 to 1999–2000

Year	Chemistry			Geology			Physics		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10
1970–71	11,063	2,275	2,159	2,414	651	324	5,071	2,188	1,482
1971–72	10,590	2,248	1,971	2,573	841	310	4,634	2,033	1,344
1972–73	10,128	2,225	1,872	2,923	827	305	4,259	1,747	1,338
1973–74	10,438	2,125	1,823	3,253	938	315	3,952	1,655	1,115
1974–75	10,549	1,986	1,822	3,319	932	292	3,706	1,574	1,080
1975–76	11,022	1,783	1,621	3,358	1,003	313	3,544	1,451	997
1976–77	11,215	1,767	1,568	3,879	1,047	325	3,420	1,319	945
1977–78	11,315	1,886	1,521	4,342	1,239	268	3,330	1,294	873
1978–79	11,509	1,757	1,516	4,502	1,300	286	3,337	1,319	918
1979–80	11,232	1,723	1,545	4,597	1,295	313	3,396	1,192	830
1980–81	11,347	1,654	1,622	5,202	1,396	294	3,441	1,294	866
1981–82	11,062	1,751	1,722	5,538	1,540	282	3,472	1,284	873
1982–83	10,796	1,622	1,746	6,102	1,552	295	3,793	1,369	873
1983–84	10,704	1,667	1,744	6,549	1,514	315	3,907	1,532	953
1984–85	10,482	1,719	1,789	6,308	1,692	289	4,097	1,523	951
1985–86	10,116	1,754	1,908	4,974	1,767	271	4,180	1,501	1,010
1986–87	9,670	1,738	1,976	3,665	1,603	280	4,318	1,543	1,074
1987–88	9,052	1,708	1,995	2,551	1,523	350	4,100	1,675	1,093
1988–89	8,625	1,774	2,037	2,252	1,404	358	4,352	1,736	1,112
1989–90	8,132	1,682	2,183	1,767	1,200	414	4,155	1,831	1,192
1990–91	8,321	1,665	2,238	1,784	1,089	446	4,236	1,725	1,209
1991–92	8,641	1,780	2,280	2,078	990	413	4,098	1,834	1,337
1992–93	8,914	1,842	2,261	2,299	925	406	4,063	1,777	1,277
1993–94	9,425	1,999	2,353	2,677	937	422	4,001	1,945	1,465
1994–95	9,722	2,099	2,273	3,118	993	398	3,823	1,817	1,424
1995–96	10,415	2,254	2,287	3,190	991	372	3,679	1,678	1,462
1996–97	10,644	2,240	2,259	3.219	996	388	3,376	1,496	1,410
1997–98	10,582	2,141	2,342	3,066	966	416	3,441	1,371	1,393
1998–99	10,120	2,037	2,191	2,837	936	367	3,213	1,309	1,252
1999–2000	10,043	1,888	2,083	2,802	944	310	3,342	1,232	1,208

NOTE: Geology includes geology, geochemistry, and geophysics and seismology. Beginning in 1982–83, also includes other geological sciences. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 297.—Earned degrees in psychology conferred by degree-granting institutions, by level of degree and by sex of student: 1949–50 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	9,569	6,055	3,514	1,316	948	368	283	241	42
1959–60	8,061	4,773	3,288	1,406	981	425	641	544	97
1967–68	23,819	13,792	10,027	3,479	2,321	1,158	1,268	982	286
1969–70	33,679	19,077	14,602	5,158	2,975	2,183	1,962	1,505	457
1970–71	38,187	21,227	16,960	5,717	3,395	2,322	2,144	1,629	515
1971–72	43,433	23,352	20,081	6,764	3,934	2,830	2,277	1,694	583
1972–73	47,940	25,117	22,823	7,619	4,325	3,294	2,550	1,797	753
1973–74	52,139	25,868	26,271	8,796	4,983	3,813	2,872	1,987	885
1974–75	51,245	24,284	26,961	9,394	5,035	4,359	2,913	1,979	934
1975–76	50,278	22,898	27,380	10,167	5,136	5,031	3,157	2,115	1,042
1976–77	47,861	20,627	27,234	10,859	5,293	5,566	3,386	2,127	1,259
1977–78	44,879	18,422	26,457	10,282	4,670	5,612	3,164	1,974	1,190
1978–79	42,697	16,540	26,157	10,132	4,405	5,727	3,228	1,895	1,333
1979–80	42,093	15,440	26,653	9,938	4,096	5,842	3,395	1,921	1,474
1980–81	41,068	14,332	26,736	10,223	4,066	6,157	3,576	2,002	1,574
1981–82	41,212	13,645	27,567	9,947	3,823	6,124	3,461	1,856	1,605
1982–83	40,460	13,131	27,329	9,981	3,647	6,334	3,602	1,838	1,764
1983–84	39,955	12,812	27,143	9,525	3,400	6,125	3,535	1,774	1,761
1984–85	39,900	12,706	27,194	9,891	3,452	6,439	3,447	1,739	1,708
1985–86	40,628	12,605	28,023	9,845	3,347	6,498	3,593	1,724	1,869
1986–87	42,994	13,362	29,632	9,562	3,172	6,390	3,560	1,615	1,945
1987–88	45,187	13,538	31,649	9,180	2,923	6,257	3,480	1,573	1,907
1988–89	48,910	14,246	34,664	9,940	3,122	6,818	3,685	1,590	2,095
1989–90	53,952	15,336	38,616	10,730	3,377	7,353	3,811	1,566	2,245
1990–91	58,655	16,067	42,588	11,349	3,329	8,020	3,932	1,520	2,412
1991–92	63,513	17,031	46,482	10,215	2,988	7,227	3,373	1,359	2,014
1992–93	66,728	17,908	48,820	10,957	3,029	7,928	3,651	1,415	2,236
1993–94	69,259	18,642	50,617	12,181	3,401	8,780	3,563	1,346	2,217
1994–95	72,083	19,548	52,535	13,921	3,893	10,028	3,822	1,431	2,391
1995–96	73,291	19,817	53,474	13,792	3,813	9,979	3,711	1,259	2,452
1996–97	74,191	19,379	54,812	14,353	3,852	10,501	4,053	1,350	2,703
1997–98	73,972	18,959	55,013	13,747	3,699	10,048	4,073	1,325	2,748
1998–99	73,536	18,294	55,242	14,247	3,693	10,554	4,248	1,385	2,863
1999–2000	74,060	17,430	56,630	14,465	3,552	10,913	4,310	1,405	2,905

NOTE: Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 298.—Earned degrees in public administration and services conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	5,466	1,726	3,740	7,785	3,893	3,892	174	132	42
1971–72	7,508	2,588	4,920	8,756	4,537	4,219	193	150	43
1972–73	10,690	3,998	6,692	10,068	5,271	4,797	198	160	38
1973–74	11,966	4,266	7,700	11,415	6,028	5,387	201	154	47
1974–75	13,661	4,630	9,031	13,617	7,200	6,417	257	192	65
1975–76	15,440	5,706	9,734	15,209	7,969	7,240	292	192	100
1976–77	16,136	5,544	10,592	17,026	8,810	8,216	292	197	95
1977–78	16,607	5,096	11,511	17,337	8,513	8,824	357	237	120
1978–79	17,328	4,938	12,390	17,306	8,051	9,255	315	215	100
1979–80	16,644	4,451	12,193	17,560	7,866	9,694	342	216	126
1980–81	16,707	4,248	12,459	17,803	7,460	10,343	362	212	150
1981–82	16,495	4,176	12,319	17,416	6,975	10,441	372	205	167
1982–83	14,414	3,343	11,071	16,046	5,961	10,085	347	184	163
1983–84	12,570	2,998	9,572	15,060	5,634	9,426	420	230	190
1984–85	11,754	2,829	8,925	15,575	5,573	10,002	431	213	218
1985–86	11,887	2,966	8,921	15,692	5,594	10,098	382	171	211
1986–87	12,328	2,993	9,335	16,432	5,673	10,759	398	216	182
1987–88	12,385	2,923	9,462	16,424	5,631	10,793	470	238	232
1988–89	13,162	3,214	9,948	17,020	5,615	11,405	428	210	218
1989–90	13,908	3,334	10,574	17,399	5,634	11,765	508	235	273
1990–91	14,350	3,215	11,135	17,905	5,679	12,226	430	190	240
1991–92	15,987	3,479	12,508	19,243	5,769	13,474	432	204	228
1992–93	16,775	3,801	12,974	20,634	6,105	14,529	459	215	244
1993–94	17,815	3,919	13,896	21,833	6,406	15,427	519	238	281
1994–95	18,586	3,935	14,651	23,501	6,870	16,631	556	274	282
1995–96	19,849	4,205	15,644	24,229	6,927	17,302	499	220	279
1996–97	20,649	4,177	16,472	24,781	6,957	17,824	518	243	275
1997–98	20,408	3,881	16,527	25,144	7,025	18,119	499	223	276
1998–99	20,287	3,791	16,496	24,925	6,556	18,369	532	239	293
1999–2000	20,185	3,816	16,369	25,594	6,808	18,786	537	227	310

NOTE: Includes degrees in public administration; community organization, resources and services; public policy analysis; social work; and public affairs, other. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 299.—Earned degrees in the social sciences and history conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	155,324	98,173	57,151	16,539	11,833	4,706	3,660	3,153	507
1971–72	158,060	100,895	57,165	17,445	12,540	4,905	4,081	3,483	598
1972–73	155,970	99,735	56,235	17,477	12,605	4,872	4,234	3,573	661
1973–74	150,320	95,650	54,670	17,293	12,321	4,972	4,124	3,383	741
1974–75	135,190	84,826	50,364	16,977	11,875	5,102	4,212	3,334	878
1975–76	126,396	78,691	47,705	15,953	10,918	5,035	4,157	3,262	895
1976–77	117,040	71,128	45,912	15,533	10,413	5,120	3,802	2,957	845
1977–78	112,952	67,217	45,735	14,718	9,845	4,873	3,594	2,722	872
1978–79	108,059	62,852	45,207	12,963	8,395	4,568	3,371	2,501	870
1979–80	103,662	58,511	45,151	12,176	7,794	4,382	3,230	2,357	873
1980–81	100,513	56,131	44,382	11,945	7,457	4,488	3,122	2,274	848
1981–82	99,705	55,196	44,509	12,002	7,468	4,534	3,061	2,237	824
1982–83	95,228	52,771	42,457	11,205	6,974	4,231	2,931	2,042	889
1983–84	93,323	52,154	41,169	10,577	6,551	4,026	2,911	2,030	881
1984–85	91,570	51,226	40,344	10,503	6,475	4,028	2,851	1,933	918
1985–86	93,840	52,724	41,116	10,564	6,419	4,145	2,955	1,970	985
1986–87	96,342	53,949	42,393	10,506	6,373	4,133	2,916	2,026	890
1987–88	100,460	56,377	44,083	10,412	6,310	4,102	2,781	1,849	932
1988–89	108,151	60,121	48,030	11,023	6,599	4,424	2,885	1,949	936
1989–90	118,083	65,887	52,196	11,634	6,898	4,736	3,010	2,019	991
1990–91	125,107	68,701	56,406	12,233	7,016	5,217	3,012	1,956	1,056
1991–92	133,974	73,001	60,973	12,702	7,237	5,465	3,218	2,126	1,092
1992–93	135,703	73,589	62,114	13,471	7,671	5,800	3,460	2,203	1,257
1993–94	133,680	72,006	61,674	14,561	8,152	6,409	3,627	2,317	1,310
1994–95	128,154	68,139	60,015	14,845	8,207	6,638	3,725	2,319	1,406
1995–96	126,479	65,872	60,607	15,012	8,093	6,919	3,760	2,339	1,421
1996–97	124,891	64,115	60,776	14,787	7,830	6,957	3,989	2,479	1,510
1997–98	125,040	63,537	61,503	14,938	7,960	6,978	4,127	2,445	1,682
1998–99	124,658	61,736	62,922	14,431	7,456	6,975	3,855	2,270	1,585
1999–2000	127,101	62,062	65,039	14,066	7,024	7,042	4,095	2,407	1,688

NOTE: Includes degrees in social sciences, general; anthropology; archeology; criminology; demography and population studies; economics; geography; history; international relations and affairs; political science and government; sociology; urban affairs/studies; and social sciences and history, other. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 300.—Earned degrees in economics, history, political science and government, and sociology conferred by degree-granting institutions, by level of degree: 1949–50 to 1999–2000

Year	Economics			History			Political science and government			Sociology		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10	11	12	13
1949–50	14,568	921	200	13,542	1,801	275	6,336	710	127	7,870	552	98
1955–56	6,555	581	232	10,510	1,114	259	5,633	509	203	5,878	402	170
1959–60	7,453	708	237	14,737	1,794	342	6,596	722	201	7,147	440	161
1965–66	11,555	1,522	458	28,612	3,883	599	15,242	1,429	336	15,038	981	244
1969–70	17,197	1,988	794	43,386	5,049	1,038	25,713	2,105	525	30,436	1,813	534
1970–71	15,758	1,995	721	44,663	5,157	991	27,482	2,318	700	33,263	1,808	574
1971–72	15,231	2,224	794	43,695	5,217	1,133	28,135	2,451	758	35,216	1,944	636
1972–73	14,770	2,225	845	40,943	5,030	1,140	30,100	2,398	747	35,436	1,923	583
1973–74	14,285	2,141	788	37,049	4,533	1,114	30,744	2,448	766	35,491	2,196	632
1974–75	14,046	2,127	815	31,470	4,226	1,117	29,126	2,333	680	31,488	2,112	693
1975–76	14,741	2,087	763	28,400	3,658	1,014	28,302	2,191	723	27,634	2,009	729
1976–77	15,296	2,158	758	25,433	3,393	921	26,411	2,222	641	24,713	1,830	714
1977–78	15,661	1,995	706	23,004	3,033	813	26,069	2,069	636	22,750	1,611	599
1978–79	16,409	1,955	712	21,019	2,536	756	25,628	2,037	563	20,285	1,415	612
1979–80	17,863	1,821	677	19,301	2,367	712	25,457	1,938	535	18,881	1,341	583
1980–81	18,753	1,911	727	18,301	2,237	643	24,977	1,875	484	17,272	1,240	610
1981–82	19,876	1,964	677	17,146	2,210	636	25,658	1,954	513	16,042	1,145	558
1982–83	20,517	1,972	734	16,467	2,041	575	25,791	1,829	435	14,105	1,112	522
1983–84	20,719	1,891	729	16,643	1,940	561	25,719	1,769	457	13,145	1,008	520
1984–85	20,711	1,992	749	16,049	1,921	468	25,834	1,500	441	11,968	1,022	480
1985–86	21,602	1,937	789	16,415	1,961	497	26,439	1,704	439	12,271	965	504
1986–87	22,378	1,855	750	16,997	2,021	534	26,817	1,618	435	12,239	950	451
1987–88	22,911	1,847	770	18,207	2,093	517	27,207	1,579	391	13,024	984	452
1988–89	23,454	1,886	827	20,159	2,121	487	30,450	1,598	452	14,435	1,135	451
1989–90	23,923	1,950	806	22,476	2,369	570	33,560	1,580	480	16,035	1,198	432
1990–91	23,488	1,951	802	24,541	2,591	606	35,737	1,772	468	17,550	1,260	465
1991–92	23,423	2,106	866	26,966	2,754	644	37,805	1,908	535	19,568	1,347	501
1992–93	21,321	2,292	879	27,774	2,952	690	37,931	1,943	529	20,896	1,521	536
1993–94	19,496	2,521	869	27,503	3,009	752	36,097	2,147	616	22,368	1,639	530
1994–95	17,673	2,400	910	26,598	3,091	816	33,013	2,019	637	22,886	1,748	546
1995–96	16,674	2,533	916	26,005	2,898	805	30,775	2,024	634	24,071	1,772	527
1996–97	16,539	2,433	968	25,214	2,901	873	28,969	1,909	686	24,672	1,731	591
1997–98	17,074	2,435	928	25,726	2,895	937	28,044	1,957	705	24,806	1,737	596
1998–99	17,611	2,323	810	24,794	2,633	921	27,418	1,681	696	24,933	1,943	515
1999–2000	18,441	2,168	851	25,247	2,573	984	27,635	1,627	693	25,598	1,996	595

NOTE: Political science and government excludes degrees in public administration and international relations. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 301.—Earned degrees in visual and performing arts conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 to 1999–2000

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	30,394	12,256	18,138	6,675	3,510	3,165	621	483	138
1974–75	40,782	15,532	25,250	8,362	4,448	3,914	649	446	203
1975–76	42,138	16,491	25,647	8,817	4,507	4,310	620	447	173
1976–77	41,793	16,166	25,627	8,636	4,211	4,425	662	447	215
1977–78	40,951	15,572	25,379	9,036	4,327	4,709	708	448	260
1978–79	40,969	15,380	25,589	8,524	3,933	4,591	700	454	246
1979–80	40,892	15,065	25,827	8,708	4,067	4,641	655	413	242
1980–81	40,479	14,798	25,681	8,629	4,056	4,573	654	396	258
1981–82	40,422	14,819	25,603	8,746	3,866	4,880	670	380	290
1982–83	39,794	14,690	25,104	8,763	4,013	4,750	692	404	288
1983–84	40,131	15,089	25,042	8,526	3,897	4,629	730	406	324
1984–85	38,140	14,462	23,678	8,718	3,894	4,824	696	407	289
1985–86	37,241	14,236	23,005	8,420	3,775	4,645	722	396	326
1986–87	36,615	13,751	22,864	8,508	3,756	4,752	793	447	346
1987–88	36,944	14,068	22,876	7,939	3,442	4,497	727	424	303
1988–89	38,227	14,539	23,688	8,267	3,611	4,656	753	446	307
1989–90	39,934	15,189	24,745	8,481	3,706	4,775	849	472	377
1990–91	42,186	15,761	26,425	8,657	3,830	4,827	838	466	372
1991–92	46,522	17,616	28,906	9,353	4,078	5,275	906	504	402
1992–93	47,761	18,610	29,151	9,440	4,099	5,341	882	478	404
1993–94	49,053	19,538	29,515	9,925	4,229	5,696	1,054	585	469
1994–95	48,690	19,781	28,909	10,277	4,374	5,903	1,080	545	535
1995–96	49,296	20,126	29,170	10,280	4,361	5,919	1,067	524	543
1996–97	50,083	20,729	29,354	10,627	4,470	6,157	1,060	525	535
1997–98	52,077	21,483	30,594	11,145	4,596	6,549	1,163	566	597
1998–99	54,404	22,281	32,123	10,753	4,543	6,210	1,130	574	556
1999–2000	58,791	24,003	34,788	10,918	4,672	6,246	1,127	537	590

NOTE: Prior to 1982–83: Includes visual and performing arts, general; crafts, folk art, and artisanry; dance; design and applied art; theatre arts; film and photographic arts; fine arts; graphic arts technology; music; and precision production. From 1982–83: Includes visual and performing arts, general; crafts, folk art, and artisanry; dance; design and applied art; theatre arts and stagecraft; film/video and photographic arts; fine arts and art studies; music; and visual and performing arts, other. Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 302.—Statistical profile of persons receiving doctor's degrees, by field of study: 1998–99

Item	All fields	Field of study								
		Education	Engineering	Humanities	Life sciences	Physical sciences[1]		Business and management	Social sciences and psychology	Other professional fields
						Total	Mathematics			
1	2	3	4	5	6	7	8	9	10	11
Doctor's degrees conferred (number)	**41,140**	**6,557**	**5,337**	**5,468**	**8,126**	**6,324**	**1,085**	**1,104**	**7,036**	**1,160**
Sex (percent)										
Men	57.3	35.8	85.1	51.1	55.3	76.6	74.4	68.9	45.5	49.8
Women	42.7	64.2	14.9	48.9	44.7	23.4	25.6	31.1	54.5	50.2
Racial/ethnic group (percent)[2]										
American Indian	0.7	1.1	0.4	0.6	0.5	0.5	0.2	0.7	1.1	1.3
Asian	8.6	3.1	18.4	4.8	13.4	11.6	9.9	8.4	5.4	6.7
Black	5.9	11.7	3.4	4.2	3.6	2.9	2.0	7.7	6.0	10.2
Hispanic	4.2	4.8	2.9	4.7	4.0	2.8	2.5	2.1	5.4	4.6
White	80.6	79.3	74.9	85.8	78.5	82.2	85.3	81.1	82.0	77.3
Citizenship (percent)										
United States	67.1	82.8	46.4	78.0	63.0	54.4	49.6	63.0	76.1	71.8
Non-U.S., permanent visa	5.6	2.7	7.5	5.7	7.4	6.8	6.2	5.9	3.7	4.5
Non-U.S., temporary visa	22.0	7.9	41.1	11.7	26.0	33.9	40.9	26.2	13.8	17.3
Unknown	5.2	6.5	5.1	4.6	3.6	4.8	3.3	4.9	6.5	6.4
Median age at doctorate (years)	33.8	44.3	31.4	35.1	32.1	30.7	30.6	36.1	33.2	39.1
Percent with bachelor's degree in same field as doctorate	51.4	34.8	71.2	48.2	47.0	62.7	68.1	34.1	55.8	29.4
Median time lapse from bachelor's to doctorate (years)										
Total time	10.4	19.9	8.7	11.7	9.0	8.0	8.0	12.5	9.9	15.0
Registered time	7.3	8.2	6.6	8.9	7.0	6.8	6.9	7.6	7.5	8.4
Postdoctoral plans (percent)										
Postdoctoral study plans	25.9	5.8	21.1	8.2	56.1	40.1	31.6	3.4	21.4	6.5
Fellowship	13.2	1.6	6.6	4.3	31.2	17.9	15.2	0.9	14.6	2.8
Research associateship	9.3	1.7	12.7	1.2	17.1	20.1	13.5	1.1	4.0	1.5
Traineeship	0.8	0.5	0.8	0.6	1.2	0.5	0.4	0.5	1.0	0.3
Other	2.7	1.9	1.0	2.1	6.6	1.7	2.5	1.0	1.8	1.8
Postdoctoral employment	63.2	81.5	69.2	80.6	35.5	50.1	59.4	85.1	65.7	79.6
Educational institution[3]	34.7	64.5	11.7	62.6	15.9	15.9	33.0	65.7	34.0	49.7
Industry, business	17.5	6.0	48.6	7.5	10.5	27.6	19.8	13.9	13.4	10.6
Government	4.6	4.1	6.1	1.5	4.6	3.9	2.3	2.2	7.1	5.0
Nonprofit organization	3.2	3.5	1.0	4.0	2.3	0.8	0.9	1.4	6.5	10.0
Other and unknown	3.1	3.4	1.9	5.0	2.1	1.9	3.3	2.1	4.6	4.2
Postdoctoral plans unknown	10.9	12.7	9.7	11.2	8.4	9.8	9.0	11.4	12.9	14.0
Primary postdoctoral activity (percent)[4]										
Research and development	31.3	6.6	70.4	7.2	44.7	57.0	38.1	31.9	29.3	13.0
Teaching	37.9	40.2	10.6	75.3	29.0	25.3	47.6	51.0	32.1	53.7
Administration	12.3	37.9	2.3	5.3	6.0	2.4	0.9	5.6	6.5	10.9
Professional services	13.0	10.7	10.5	6.2	13.9	8.5	6.9	7.4	27.2	16.0
Other	3.2	1.7	4.3	3.2	3.5	4.2	2.2	2.5	3.2	3.6
Activity unknown	2.4	2.8	1.9	2.5	2.8	2.6	4.3	1.7	1.7	2.9
Region of employment after doctorate (percent)[4]										
New England	6.4	4.1	6.6	8.0	7.1	7.7	5.4	6.3	7.1	4.4
Middle Atlantic	14.2	13.2	15.0	14.5	9.8	16.8	17.6	14.3	15.8	12.9
East North Central	13.9	15.8	13.0	16.0	11.0	12.4	15.4	15.0	13.2	13.5
West North Central	6.7	8.7	4.1	7.9	8.1	4.7	7.0	4.7	6.1	6.5
South Atlantic	16.8	19.5	12.4	14.2	18.1	14.1	13.7	17.8	19.5	18.9
East South Central	4.7	6.5	2.9	5.7	4.3	3.1	3.0	6.8	3.8	6.1
West South Central	8.8	9.9	9.3	8.6	7.2	9.1	9.3	11.3	7.2	8.6
Mountain	5.2	6.2	5.5	4.5	4.7	5.4	5.7	3.6	5.2	4.8
Pacific and insular	13.6	10.7	20.5	11.6	13.7	17.9	12.8	7.7	12.0	11.4
U.S., region unknown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foreign	9.4	5.2	10.5	8.6	15.7	8.6	9.8	12.0	9.9	12.6
Region unknown	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.5	0.1	0.3

[1] Includes mathematics, computer science, physics and astronomy, chemistry, and earth, atmospheric, and marine sciences.

[2] Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only.

[3] Includes 2-year, 4-year, and foreign colleges and universities, medical schools, and elementary/secondary schools.

[4] Includes only recipients with definite employment plans.

NOTE: The above classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The major differences are that history is included under humanities rather than social sciences and that psychology is included under social sciences. Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and D.V.M. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. The above tabulation excludes some non-research doctorate degrees such as doctor's degrees in theology. Total includes a small number of graduates not reported by field of study. Detail may not sum to totals due to rounding.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Summary Report 1999: Doctorate Recipients from United States Universities*. (This table was prepared May 2001.)

Table 303.—Statistical profile of persons receiving doctor's degrees in education: 1979–80 to 1998–99

Item	1979–80	1980–81	1985–86	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates ...	**7,576**	**7,489**	**6,649**	**6,362**	**6,281**	**6,510**	**6,454**	**6,677**	**6,689**	**6,708**	**6,649**	**6,772**	**6,497**	**6,559**	**6,557**
Sex (percent)															
Men	55.5	52.8	45.6	44.8	42.5	42.4	41.9	40.5	41.3	39.1	38.4	38.3	36.7	37.0	35.8
Women	44.5	47.2	54.4	55.2	57.5	57.6	58.1	59.5	58.7	60.9	61.6	61.7	63.3	63.0	64.2
Racial/ethnic group (percent)															
American Indian	0.8	0.6	0.5	0.6	0.4	0.6	1.0	0.8	0.8	0.6	0.7	1.0	0.9	0.9	1.1
Asian	1.3	1.9	1.6	2.4	1.9	1.8	2.2	2.4	2.4	2.9	3.0	3.1	3.2	3.2	3.1
Black	9.1	9.1	8.1	7.6	8.1	8.2	7.9	8.4	9.4	8.6	10.4	10.1	10.2	11.6	11.7
Hispanic	2.4	2.5	3.7	2.9	3.1	3.3	3.3	3.5	3.7	4.0	4.4	3.6	4.6	5.1	4.8
White	86.3	85.9	86.1	86.4	86.5	86.0	85.6	84.8	83.7	83.9	81.6	82.2	81.1	79.1	79.3
Citizenship (percent)															
United States	88.7	87.7	84.7	83.1	82.9	84.4	84.8	86.8	86.4	87.4	86.8	86.6	82.6	84.3	82.8
Foreign	8.2	8.8	9.6	10.2	9.7	9.7	10.2	10.7	10.8	11.0	11.0	9.9	8.2	9.1	10.6
Unknown	3.1	3.6	5.6	6.7	7.4	5.8	5.0	2.4	2.7	1.6	2.3	3.4	9.3	6.6	6.5
Median age at doctorate (years)	37.0	37.3	39.4	40.5	41.1	41.6	42.1	42.7	43.0	43.6	43.8	44.3	44.0	44.3	44.3
Percent with bachelor's degree in same field as doctorate	39.0	38.9	39.0	36.9	38.5	37.5	39.3	38.7	37.4	36.9	37.0	36.1	34.1	35.0	34.8
Median time lapse from bachelor's to doctorate (years)															
Total time	13.1	13.5	15.7	16.9	17.3	17.9	18.4	18.9	19.2	19.7	19.9	20.2	20.0	20.0	19.9
Registered time	6.9	7.0	7.8	8.1	8.2	8.1	8.1	8.2	8.2	8.1	8.2	8.2	8.4	8.4	8.2

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only. The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared May 2001.)

Table 304.—Statistical profile of persons receiving doctor's degrees in engineering: 1979–80 to 1998–99

Item	1979–80	1980–81	1985–86	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates ...	**2,479**	**2,528**	**3,376**	**4,187**	**4,543**	**4,894**	**5,214**	**5,438**	**5,698**	**5,822**	**6,008**	**6,305**	**6,052**	**5,919**	**5,337**
Sex (percent)															
Men	96.4	96.1	93.3	93.2	91.8	91.5	91.3	90.7	90.9	89.1	88.4	87.7	87.6	86.9	85.1
Women	3.6	3.9	6.7	6.8	8.2	8.5	8.7	9.3	9.1	10.9	11.6	12.3	12.4	13.1	14.9
Racial/ethnic group (percent)															
American Indian	0.2	0.3	0.3	0.2	0.3	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.4	0.4	0.4
Asian	18.9	20.0	15.6	16.0	16.6	15.3	17.4	18.2	19.7	28.8	31.5	26.8	22.3	19.0	18.4
Black	1.2	1.4	1.4	1.4	1.4	1.8	2.4	1.9	1.9	1.8	2.2	2.2	3.1	2.9	3.4
Hispanic	1.9	1.0	2.1	3.0	2.2	2.4	2.6	3.0	2.4	2.2	2.4	2.9	2.8	3.8	2.9
White	77.8	77.3	80.6	79.4	79.5	80.4	77.4	76.5	75.9	67.0	63.7	67.6	71.5	73.9	74.9
Citizenship (percent)															
United States	50.6	46.2	40.8	42.4	40.9	39.4	37.9	38.7	39.1	38.0	39.7	41.1	44.3	43.0	46.4
Foreign	46.3	49.1	50.8	49.8	50.4	52.5	54.7	57.8	57.1	60.0	57.9	55.7	49.5	48.5	48.6
Unknown	3.1	4.7	8.4	7.7	8.8	8.1	7.3	3.5	3.9	2.1	2.5	3.3	6.2	8.5	5.1
Median age at doctorate (years)	30.3	30.5	31.0	31.0	31.1	31.2	31.4	31.5	31.6	31.7	31.7	31.7	31.3	31.6	31.4
Percent with bachelor's degree in same field as doctorate	75.2	74.1	73.0	76.4	76.2	76.9	79.0	81.8	80.1	80.4	79.1	80.2	75.9	71.0	71.2
Median time lapse from bachelor's to doctorate (years)															
Total time	7.6	7.9	8.1	8.1	8.1	8.2	8.5	8.7	8.8	9.0	9.1	9.0	8.7	8.9	8.7
Registered time	5.6	5.6	5.9	5.9	6.0	6.0	6.1	6.2	6.3	6.4	6.4	6.4	6.5	6.7	6.6

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only. The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared April 2001.)

Table 305.—Statistical profile of persons receiving doctor's degrees in the humanities: 1979–80 to 1998–99

Item	1979–80	1980–81	1985–86	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	**3,863**	**3,745**	**3,461**	**3,555**	**3,552**	**3,822**	**4,099**	**4,444**	**4,482**	**4,744**	**5,061**	**5,116**	**5,387**	**5,499**	**5,468**
Sex (percent)															
Men	60.4	58.7	54.8	55.7	54.5	54.4	53.5	53.7	52.5	52.3	51.7	50.3	51.9	51.3	51.1
Women	39.6	41.3	45.2	44.3	45.5	45.6	46.5	46.3	47.5	47.7	48.3	49.7	48.1	48.7	48.9
Racial/ethnic group (percent)															
American Indian	0.3	0.4	0.2	0.2	0.2	0.3	0.3	0.5	0.3	0.6	0.4	0.5	0.5	0.5	0.6
Asian	2.0	1.8	1.8	2.3	3.0	2.4	2.5	3.0	3.6	4.6	5.1	5.1	4.8	4.9	4.8
Black	3.0	2.9	2.9	3.0	2.9	2.3	3.0	2.7	3.0	2.9	2.9	3.1	3.5	3.6	4.2
Hispanic	3.0	3.2	3.5	3.9	3.8	4.2	4.3	3.9	4.2	4.4	3.8	4.3	4.8	4.5	4.7
White	91.6	91.7	91.6	90.5	90.2	90.9	89.9	89.9	88.9	87.5	87.8	87.0	86.4	86.4	85.8
Citizenship (percent)															
United States	87.3	85.7	78.8	78.4	76.4	78.3	77.0	77.7	78.3	78.3	78.6	77.4	76.5	77.1	78.0
Foreign	8.8	10.2	13.7	14.4	15.5	15.2	18.3	19.2	18.7	19.9	19.4	19.6	16.1	15.9	17.4
Unknown	3.9	4.1	7.4	7.1	8.1	6.5	4.7	3.2	3.0	1.8	1.9	3.0	7.4	7.0	4.6
Median age at doctorate (years)	33.4	33.5	35.0	35.4	35.7	35.7	35.8	35.6	35.6	35.7	35.4	35.2	35.2	35.1	35.1
Percent with bachelor's degree in same field as doctorate	64.2	61.0	58.2	56.7	55.5	57.1	57.7	56.5	56.4	57.4	56.6	55.8	46.1	46.9	48.2
Median time lapse from bachelor's to doctorate (years)															
Total time	10.6	10.8	12.1	12.2	12.5	12.2	12.3	12.0	11.9	12.0	12.0	11.8	11.7	11.6	11.7
Registered time	7.7	7.7	8.2	8.5	8.4	8.3	8.4	8.3	8.3	8.5	8.4	8.3	8.6	8.7	8.9

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution based on race/ethnicity based on U.S. citizens and those with permanent visas only. The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The major differences are that history is included under humanities rather than social sciences and that psychology is included under social sciences. Includes American studies, archeology, art history, classics, comparative literature, history, letters, linguistics, music, philosophy, religion, speech and rhetorical studies, and theatre. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared May 2001.)

Table 306.—Statistical profile of persons receiving doctor's degrees in the life sciences: 1979–80 to 1998–99

Item	1979–80	1980–81	1985–86	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	**5,325**	**5,461**	**5,734**	**6,164**	**6,342**	**6,605**	**6,933**	**7,115**	**7,395**	**7,739**	**7,918**	**8,255**	**8,213**	**8,540**	**8,126**
Sex (percent)															
Men	74.8	73.6	66.0	63.2	61.8	62.6	61.4	60.7	58.3	58.4	57.9	56.5	55.0	54.5	55.3
Women	25.2	26.4	34.0	36.8	38.2	37.4	38.6	39.3	41.7	41.6	42.1	43.5	45.0	45.5	44.7
Racial/ethnic group (percent)															
American Indian	0.2	0.2	0.5	0.4	0.3	0.2	0.4	0.4	0.3	0.4	0.5	0.5	0.3	0.4	0.5
Asian	5.3	4.8	4.9	5.0	5.3	5.6	6.6	7.1	8.7	15.7	18.5	17.9	15.3	13.6	13.4
Black	1.6	1.9	1.9	2.2	2.1	1.9	2.4	2.3	2.9	2.6	3.1	2.9	3.4	3.3	3.6
Hispanic	1.1	1.4	2.1	2.3	2.1	2.7	2.6	2.8	3.0	3.2	3.0	3.1	3.5	4.1	4.0
White	91.8	91.7	90.5	90.0	90.1	89.6	88.0	87.3	85.1	78.2	74.9	75.5	77.5	78.5	78.5
Citizenship (percent)															
United States	80.4	80.3	75.9	71.3	71.1	68.0	66.8	65.7	65.3	64.0	63.1	60.7	62.0	61.9	63.0
Foreign	17.6	17.1	18.8	22.2	22.1	26.3	29.1	31.8	32.6	34.9	35.2	37.0	31.7	31.4	33.4
Unknown	2.0	2.6	5.3	6.4	6.9	5.6	4.0	2.5	2.2	1.1	1.7	2.2	6.3	6.7	3.6
Median age at doctorate (years)	30.0	30.1	31.6	31.9	32.2	32.3	32.4	32.7	32.5	32.7	32.4	32.5	32.3	32.3	32.1
Percent with bachelor's degree in same field as doctorate	40.9	40.7	57.1	55.4	53.4	53.8	54.1	53.5	51.9	51.0	50.8	49.2	46.9	48.9	47.0
Median time lapse from bachelor's to doctorate (years)															
Total time	7.3	7.3	8.7	8.9	9.1	9.1	9.1	9.4	9.4	9.5	9.5	9.6	9.2	9.1	9.0
Registered time	5.8	5.9	6.4	6.5	6.5	6.7	6.7	6.7	6.8	7.0	7.0	7.0	7.0	7.0	7.0

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only. The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). Includes agricultural, biological, and health sciences. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared May 2001.)

Table 307.—Statistical profile of persons receiving doctor's degrees in the physical sciences: 1979–80 to 1998–99

Item	1979–80	1980–81	1985–86	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates ...	**3,151**	**3,208**	**3,679**	**4,045**	**3,984**	**4,262**	**4,441**	**4,575**	**4,470**	**4,799**	**4,618**	**4,632**	**4,573**	**4,639**	**4,389**
Sex (percent)															
Men	87.7	88.7	83.6	82.6	80.9	81.2	81.0	79.1	78.9	79.0	77.3	78.1	77.2	75.2	76.2
Women	12.3	11.3	16.4	17.4	19.2	18.8	19.0	20.9	21.1	21.0	22.7	21.9	22.8	24.8	23.8
Racial/ethnic group (percent)															
American Indian	0.2	0.1	0.2	0.3	0.6	0.1	0.5	0.5	0.3	0.2	0.3	0.3	0.4	0.4	0.6
Asian	7.7	6.9	7.1	5.7	6.7	6.6	6.6	8.9	10.2	20.8	25.3	18.9	16.1	13.2	10.8
Black	1.0	1.3	1.0	1.3	1.3	1.0	1.2	1.1	1.6	1.6	1.4	2.1	2.0	2.2	2.9
Hispanic	1.1	1.3	2.1	2.6	2.6	3.1	2.9	3.2	3.4	2.6	2.5	2.8	2.6	2.4	2.8
White	90.0	90.5	89.5	90.1	88.8	89.3	88.8	86.4	84.5	74.8	70.6	76.0	78.9	81.8	82.8
Citizenship (percent)															
United States	75.9	75.4	66.1	64.3	62.5	61.0	59.3	57.9	57.1	56.3	56.7	54.7	57.5	56.5	56.8
Foreign	21.6	21.3	27.8	28.8	29.8	32.4	35.9	39.6	39.7	41.7	41.7	41.8	36.3	36.4	37.9
Unknown	2.4	3.3	6.1	6.9	7.8	6.7	4.8	2.5	3.2	2.1	1.8	3.5	6.2	7.1	5.3
Median age at doctorate (years)	29.1	29.0	29.9	30.1	30.0	30.7	30.2	30.3	30.6	30.7	30.7	30.8	30.4	30.2	30.6
Percent with bachelor's degree in same field as doctorate	76.5	76.6	73.4	72.6	72.6	80.0	76.9	74.5	72.9	73.0	70.8	69.6	65.4	66.8	66.7
Median time lapse from bachelor's to doctorate (years)															
Total time	6.8	6.7	7.1	7.2	7.2	7.8	7.5	7.8	8.0	8.2	8.1	8.0	7.5	7.5	7.6
Registered time	5.7	5.7	6.0	6.1	6.0	6.3	6.2	6.4	6.4	6.6	6.8	6.6	6.6	6.5	6.6

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only. The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). Includes physics, astronomy, chemistry, and earth, atmospheric, and marine sciences. Excludes mathematics and computer science. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared May 2001.)

Table 308.—Statistical profile of persons receiving doctor's degrees in the social sciences: 1979–80 to 1998–99

Item	1979–80	1980–81	1985–86	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates ...	**6,253**	**6,505**	**5,893**	**5,781**	**5,961**	**6,093**	**6,152**	**6,216**	**6,545**	**6,613**	**6,635**	**6,814**	**6,917**	**7,075**	**7,036**
Sex (percent)															
Men	65.4	64.4	57.6	55.0	54.8	53.7	50.6	52.6	50.7	50.6	49.2	48.4	47.3	45.5	45.5
Women	34.6	35.6	42.4	45.0	45.2	46.3	49.4	47.4	49.3	49.4	50.8	51.6	52.7	54.5	54.5
Racial/ethnic group (percent)															
American Indian	0.3	0.2	0.4	0.3	0.4	0.5	0.4	0.5	0.4	0.5	0.5	0.7	0.5	0.8	1.1
Asian	2.8	2.5	2.6	3.3	3.1	3.0	3.3	3.6	4.0	6.1	7.3	6.4	6.2	5.5	5.4
Black	4.2	4.0	4.1	4.4	4.4	4.4	4.9	4.5	4.7	4.7	5.2	5.0	5.5	5.6	6.0
Hispanic	2.0	2.3	3.3	3.3	3.3	3.9	4.2	3.8	4.1	3.6	4.2	4.6	4.8	5.8	5.4
White	90.7	91.0	89.7	88.8	88.7	88.2	87.2	87.7	86.9	85.0	82.8	83.3	82.9	82.4	82.0
Citizenship (percent)															
United States	84.7	84.0	77.9	74.8	70.4	73.8	73.4	74.3	75.5	75.5	76.0	76.2	72.5	75.1	76.1
Foreign	11.6	11.9	15.3	16.1	17.3	18.0	19.8	21.2	21.3	21.7	21.4	20.7	17.8	17.1	17.5
Unknown	3.7	4.2	6.9	9.1	12.2	8.2	6.8	4.4	3.1	2.8	2.6	3.1	9.7	7.8	6.5
Median age at doctorate (years)	31.6	32.0	33.4	34.1	33.9	34.2	34.1	34.3	34.3	34.1	34.1	33.7	33.4	33.2	33.2
Percent with bachelor's degree in same field as doctorate	58.6	59.1	57.0	54.5	52.3	55.4	54.2	53.1	53.7	53.2	52.2	53.4	55.2	56.2	55.8
Median time lapse from bachelor's to doctorate (years)															
Total time	8.7	9.0	10.0	10.5	10.3	10.6	10.5	10.6	10.4	10.5	10.5	10.3	10.0	9.9	9.9
Registered time	6.4	6.5	7.2	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.4	7.5	7.5	7.5

NOTE: Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. In particular, large numbers of Asians converted from temporary visas to permanent visas in the mid 1990s. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only. The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The major differences are that history is included under humanities rather than social sciences and that psychology is included under social sciences. Includes anthropology, area studies, criminology, demographic/population studies, economics, econometrics, geography, international relations/affairs, political science, public policy, psychology, sociology, statistics, and urban affairs/studies. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Detail may not sum to totals due to rounding.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared May 2001.)

Table 309.—Doctor's degrees conferred by 60 large degree-granting institutions: 1990–91 to 1999–2000

Institution	Rank order[1]	Total, 1990–91 to 1999–2000	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11	12	13
United States, all institutions	(2)	**435,139**	**39,294**	**40,659**	**42,132**	**43,185**	**44,446**	**44,652**	**45,876**	**46,010**	**44,077**	**44,808**
Total, 60 large institutions	(2)	243,044	22,954	23,502	24,105	24,683	24,995	24,852	25,070	25,275	23,687	23,921
University of California, Berkeley	1	7,893	800	798	810	896	828	770	759	756	720	756
University of Wisconsin, Madison	2	7,313	708	680	676	783	758	753	782	757	687	729
The University of Texas at Austin	3	7,287	710	671	686	714	727	744	786	836	754	659
University of Illinois at Urbana	4	7,028	737	775	705	666	761	698	735	706	646	597
University of Minnesota, Twin Cities	5	6,834	706	651	627	707	685	763	704	729	658	604
Ohio State University, Main Campus	6	6,664	644	671	685	710	699	717	721	636	561	620
University of Michigan, Ann Arbor	7	6,649	661	676	654	649	714	691	635	690	650	629
University of California, Los Angeles	8	6,140	558	613	657	620	663	611	616	607	589	606
Harvard University	9	5,811	505	501	540	538	556	528	623	803	615	602
Stanford University	10	5,732	487	569	581	560	574	585	607	606	574	589
Columbia University in the City of New York	11	5,653	802	630	687	644	660	404	482	469	414	461
Pennsylvania State University, Main Campus	12	5,246	463	541	495	507	583	510	523	571	560	513
Texas A & M University	13	5,188	446	472	496	579	564	574	541	525	501	490
Cornell University[3]	14	5,110	531	540	520	593	525	516	485	474	485	441
Massachusetts Institute of Technology	15	5,105	497	514	516	508	521	554	514	520	486	475
University of Maryland, College Park Campus	16	4,864	453	506	490	528	480	466	505	474	501	461
Purdue University, Main Campus	17	4,860	430	478	504	493	509	508	478	496	496	468
University of Washington	18	4,714	459	396	416	455	482	495	526	479	520	486
Nova Southeastern University	19	4,639	290	336	433	485	450	447	534	540	537	587
University of Pennsylvania	20	4,635	495	477	506	488	539	447	440	436	380	427
University of Southern California	21	4,602	359	355	415	415	539	539	448	515	536	481
Michigan State University	22	4,316	397	476	401	429	419	484	411	451	404	444
University of Florida	23	4,228	370	384	372	442	400	434	429	456	445	516
University of Arizona	24	4,001	382	352	373	442	396	384	445	411	411	405
Rutgers University, New Brunswick	25	3,883	326	402	376	400	405	416	410	402	375	371
New York University	26	3,867	392	404	404	391	380	356	392	446	300	402
University of North Carolina at Chapel Hill	27	3,737	336	338	388	373	369	365	387	382	374	425
Indiana University, Bloomington	28	3,692	342	398	348	348	383	374	366	361	363	409
University of Chicago	29	3,634	317	322	346	395	366	381	364	368	384	391
Virginia Polytechnic Institute and State U.	30	3,602	332	366	369	379	361	378	410	349	349	309
Yale University	31	3,491	344	347	369	348	366	367	329	365	322	334
University of Pittsburgh, Main Campus	32	3,479	344	343	333	334	324	358	387	380	360	316
University of Iowa	33	3,448	360	380	331	342	340	377	364	327	310	317
Northwestern University	34	3,425	308	351	363	305	375	359	357	377	309	321
University of Georgia	35	3,423	332	331	352	309	342	343	328	369	365	352
University of Massachusetts, Amherst	36	3,289	400	409	370	338	307	338	282	299	270	276
University of California, Davis	37	3,264	258	284	306	323	341	397	351	337	310	357
Johns Hopkins University	38	3,160	285	297	318	262	271	321	329	360	366	351
University of Virginia, Main Campus	39	3,143	291	291	315	294	312	325	368	302	302	343
State University of New York at Buffalo	40	3,067	265	290	320	345	318	346	314	295	271	303
North Carolina State University at Raleigh	41	3,057	256	279	283	300	304	325	314	322	358	316
City University of New York Graduate School and University Center	42	2,977	320	257	318	286	294	302	310	333	277	280
University of Colorado at Boulder	43	2,923	263	249	299	306	299	297	328	309	307	266
Boston University	44	2,866	258	280	271	289	315	309	276	307	287	274
Iowa State University	45	2,858	297	277	322	307	318	287	255	300	257	238
Temple University	46	2,800	251	282	282	287	315	281	306	285	248	263
Florida State University	47	2,794	257	286	262	274	295	273	306	305	273	263
Arizona State University, Main Campus	48	2,717	227	222	270	258	305	315	274	287	273	286
University of California, San Diego	49	2,698	185	227	280	285	274	259	281	310	303	294
Princeton University	50	2,689	244	255	249	267	300	286	296	263	250	279
University of South Carolina at Columbia	51	2,594	248	242	281	288	237	267	274	243	268	246
University of Tennessee, Knoxville	52	2,577	214	260	249	226	257	281	295	254	255	286
State University of New York at Stony Brook	53	2,537	248	225	283	268	241	261	275	265	227	244
University of Cincinnati, Main Campus	54	2,481	231	220	226	273	264	227	298	274	230	238
University of Missouri, Columbia	55	2,477	212	258	260	253	219	248	264	277	230	256
University of Nebraska at Lincoln	56	2,412	202	212	221	227	229	261	276	282	251	251
University of Connecticut	57	2,409	228	206	216	246	265	239	254	253	227	275
University of Kansas, Main Campus	58	2,394	209	235	193	225	250	243	248	278	267	246
Wayne State University	59	2,379	290	222	299	263	220	230	239	208	186	222
Louisiana St. U. and A & M and Hebert Laws Center	60	2,291	192	213	188	218	222	238	234	258	253	275

[1] Institutions are ranked by the total number of doctor's degrees conferred during the 10-year period ending June 30, 2000.

[2] Not applicable.

[3] Includes degrees conferred by the Endowed and Statutory Colleges.

NOTE: Data for 1998–99 imputed using alternative procedures. (See *Guide to Sources* for details.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 2001.)

Table 310.—Percentage distribution of 1980 high school sophomores, by highest level of education completed through 1992, by selected student characteristics: 1980 to 1992

Student characteristics	All 1980 sophomores	Less than high school	High school	Certificate	Associate degree	Bachelor's degree	Master's degree	Professional degree	Doctor's degree
1	2	3	4	5	6	7	8	9	10
Total	**100.0**	**5.8**	**51.5**	**11.0**	**7.9**	**20.0**	**2.7**	**0.9**	**0.2**
Sex									
Male	100.0	6.5	53.5	9.7	6.7	19.5	2.6	1.3	0.2
Female	100.0	5.0	49.5	12.4	9.1	20.5	2.8	0.5	0.1
Race/ethnicity									
White, non-Hispanic	100.0	4.9	49.1	10.1	8.4	23.1	3.2	1.0	0.2
Black, non-Hispanic	100.0	6.9	59.6	16.3	5.2	10.0	1.5	0.5	0.2
Hispanic	100.0	11.9	59.6	11.2	7.3	9.0	0.6	0.3	—
Asian/Pacific Islander	100.0	0.6	40.9	6.9	6.2	32.7	4.7	7.5	0.7
American Indian/Alaskan Native	100.0	17.8	58.2	11.8	5.0	6.7	0.5	—	—
Socioeconomic status (1980)									
Low quartile	100.0	9.0	64.6	12.3	6.9	6.4	0.7	0.1	—
Middle two quartiles	100.0	3.9	53.8	11.5	9.1	19.0	2.0	0.5	0.1
High quartile	100.0	1.4	32.7	7.0	7.6	41.2	6.9	2.7	0.5
Test score composite (1982)									
Low quartile	100.0	15.6	64.0	13.0	4.1	3.0	0.2	—	0.1
Middle two quartiles	100.0	3.1	56.2	12.8	10.1	16.1	1.5	0.3	—
High quartile	100.0	0.1	26.5	4.8	7.2	49.2	8.7	3.0	0.6
Parents' educational attainment in 1980									
No high school diploma	100.0	6.5	59.8	12.8	8.6	10.8	1.2	0.3	0.1
High school graduate	100.0	5.2	59.1	12.4	6.0	16.6	0.3	0.4	—
Vocational/technical	100.0	3.0	49.2	15.4	10.2	19.1	2.4	0.5	0.1
Some college	100.0	2.1	43.7	8.4	8.4	32.0	4.3	1.0	0.2
Bachelor's degree	100.0	1.4	32.6	4.9	8.1	42.4	6.9	3.1	0.5
Advanced degree	100.0	3.5	23.9	8.6	4.9	44.1	10.0	4.3	0.7
High school diploma status									
Regular diploma in 1982	100.0	0.3	51.9	10.8	8.7	23.9	3.2	1.1	0.2
Returned for diploma	100.0	6.8	68.3	14.4	7.0	3.4	0.1	0.1	—
Returned but no diploma	100.0	27.1	47.7	19.9	3.4	1.9	—	—	—
Never returned	100.0	51.5	35.7	9.5	2.1	0.9	0.3	—	—
Postsecondary expectations in 1982									
None	100.0	15.5	71.1	9.3	3.0	1.0	0.1	—	0.1
Vocational/technical	100.0	4.6	61.6	19.8	10.7	3.3	0.1	—	—
Less-than-4-year degree	100.0	1.6	53.2	13.3	15.6	15.0	1.1	0.2	—
Bachelor's degree	100.0	0.9	35.3	6.8	6.3	44.9	5.0	0.8	0.1
Advanced degree	100.0	0.8	28.9	5.2	5.7	45.1	9.0	4.4	0.8
Type of start in postsecondary education									
Fall 1982 full-time 4-year	100.0	—	21.2	3.5	4.6	57.8	9.0	3.4	0.5
Fall 1982 full-time public 2-year	100.0	0.3	36.5	11.9	24.4	24.6	2.1	0.2	—
Fall 1982 part-time 4-year	100.0	—	52.2	6.7	10.0	27.2	3.5	0.1	0.4
Fall 1982 part-time public 2-year	100.0	1.6	59.5	13.4	9.4	14.4	0.9	0.8	—
Fall 1982 other	100.0	0.2	23.0	34.3	24.5	15.7	1.9	0.4	—
Delayed 4-year	100.0	0.4	55.6	8.1	7.4	24.0	3.7	0.4	0.4
Delayed public 2-year	100.0	1.7	63.0	16.9	12.0	6.2	0.2	—	—
Delayed other	100.0	1.9	31.4	48.4	14.4	3.8	0.1	0.1	—
Other enrollment	100.0	—	—	86.5	5.1	6.0	1.1	0.4	0.8
Never enrolled	100.0	16.1	83.9	—	—	—	—	—	—

—Not available.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: National Center for Education Statistics, High School and Beyond, *Educational Attainment of High School Sophomores by 1992*. (This table was prepared May 1995.)

Table 311.—Mean number of semester credits completed by bachelor's degree recipients, by major and course area: 1976, 1984, and 1992–93

Selected college majors	Course areas									
	Total	Business	Computer science	Education	Engineering	Mathematics	Biological sciences	Physical sciences	Social sciences and psychology	Other
1	2	3	4	5	6	7	8	9	10	11
	1972 high school seniors who completed bachelor's degrees by 1976									
Mean, all majors	**124.0**	**7.8**	**1.0**	**9.7**	**2.3**	**7.4**	**7.6**	**9.0**	**30.3**	**48.8**
Business and management	124.4	41.2	2.3	0.5	0.4	10.2	2.5	4.8	30.4	32.0
Computer science	133.3	6.6	33.5	0.4	5.3	22.4	1.9	7.8	20.6	34.8
Education	126.4	0.9	0.3	40.2	—	5.0	5.5	4.3	23.9	46.4
Engineering	134.8	1.6	2.0	0.1	50.0	18.2	1.3	20.5	14.0	27.1
English	117.8	0.5	0.1	7.8	0.1	3.2	3.4	3.4	24.2	75.2
Fine arts	124.9	0.3	0.1	6.6	—	1.3	2.5	2.1	13.6	98.4
Life sciences	122.2	0.4	0.8	1.7	—	8.4	35.6	26.2	17.8	31.3
Physical sciences	122.7	0.8	1.4	0.9	1.9	16.2	9.6	49.5	13.1	29.2
Psychology	119.1	2.0	0.5	5.9	0.3	5.5	6.2	5.9	56.0	36.9
Social sciences	120.6	3.4	0.4	3.3	0.4	5.3	3.2	4.3	60.3	40.1
	1980 high school seniors who completed bachelor's degrees by 1984									
Mean, all majors	**123.5**	**12.8**	**3.3**	**6.2**	**4.6**	**8.4**	**5.3**	**8.1**	**27.5**	**47.2**
Business and management	122.8	41.2	4.5	0.6	1.1	8.9	2.2	3.9	27.5	32.7
Computer science	129.3	11.8	27.9	0.3	4.7	21.3	1.8	8.5	19.0	33.9
Education	127.4	0.7	0.3	45.5	0.1	4.4	4.4	3.8	20.8	47.3
Engineering	132.3	1.0	2.3	0.8	52.5	16.2	1.1	20.2	12.3	25.9
English	114.8	1.7	1.5	6.9	—	2.2	2.1	4.7	21.4	74.4
Fine arts	120.5	1.7	0.6	5.1	—	1.7	2.7	1.5	14.1	93.1
Life sciences	121.9	0.7	1.5	1.9	0.2	10.1	33.5	22.6	18.1	33.3
Physical sciences	124.3	0.2	4.9	0.1	2.0	14.1	12.9	48.7	11.6	30.0
Psychology	120.7	3.0	2.7	2.1	—	6.5	5.8	4.2	55.2	41.2
Social sciences	119.2	6.0	1.4	1.0	0.5	5.4	4.4	5.1	52.0	43.3
	1988–89 high school seniors who completed bachelor's degrees by 1993									
Mean, all majors	**126.5**	**12.8**	**3.0**	**5.7**	**3.2**	**7.3**	**6.0**	**7.6**	**29.5**	**51.7**
Business and management	123.9	44.4	3.9	0.9	0.1	7.6	2.6	3.3	23.1	37.9
Computer science	127.6	15.7	34.3	0.4	2.4	15.7	1.7	6.4	17.6	33.5
Education	126.8	1.6	1.5	32.6	—	5.9	4.7	4.4	24.5	51.6
Engineering	136.9	1.4	7.0	0.6	57.9	16.7	1.4	19.0	12.2	20.8
English	127.5	1.8	1.0	3.0	0.1	4.0	3.5	3.8	22.7	87.5
Fine arts	129.6	1.8	1.3	2.2	0.8	3.1	2.4	2.6	19.8	95.7
Life sciences	128.9	1.1	1.4	2.1	1.0	8.0	33.8	23.3	20.7	37.5
Physical sciences	129.1	1.1	2.7	1.1	2.3	15.0	7.5	49.3	16.9	33.2
Psychology	125.3	3.8	1.2	3.6	0.1	5.0	4.9	4.5	53.6	48.6
Social sciences	125.5	6.2	1.2	1.8	0.1	4.8	2.9	5.1	55.7	47.6
	All bachelor's degree recipients of 1992–93									
Mean, all majors	**132.2**	**14.6**	**3.7**	**7.2**	**5.4**	**8.3**	**6.0**	**7.8**	**27.3**	**52.0**
Business and management	129.5	46.8	4.7	0.9	0.7	8.8	2.8	3.6	23.6	37.6
Computer science	137.0	17.4	37.1	0.4	5.0	16.7	2.5	7.5	17.3	33.0
Education	135.9	2.2	1.5	40.1	0.3	6.3	5.4	5.0	24.7	50.5
Engineering	142.1	2.1	7.1	0.3	61.3	17.8	1.3	18.1	11.4	22.8
English	128.8	2.9	1.4	4.6	0.1	4.3	3.5	4.2	23.2	84.5
Fine arts	133.4	2.7	2.0	3.2	0.9	3.7	2.5	4.2	19.3	94.7
Life sciences	132.5	1.7	1.6	2.9	0.9	8.7	34.8	22.3	21.3	38.2
Physical sciences	137.8	2.6	2.9	1.9	4.0	15.5	8.2	50.6	18.2	33.9
Psychology	129.0	4.0	1.4	4.2	0.3	5.5	5.1	4.2	52.4	52.0
Social sciences	127.9	6.2	1.4	2.3	0.3	5.6	3.3	5.4	54.8	48.6

—Not available.

NOTE: All majors total includes fields not shown separately. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Longitudinal Study of 1972, High School and Beyond, and Baccalaureate and Beyond survey. (This table was prepared January 1999.)

Table 312.—Percent of colleges and universities using various selection criteria for admission, by type and control of institution: 1990–91 to 1999–2000

Selection criteria	All institutions			Public institutions			Private institutions								
										Not-for-profit			For-profit		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
High school diploma															
1990–91	91.6	94.2	88.3	88.9	96.0	84.9	94.1	93.4	96.0	93.7	93.4	95.6	95.7	92.9	96.3
1995–96	91.4	93.9	88.1	88.2	95.8	84.1	94.3	93.1	98.3	93.4	92.7	97.8	98.5	98.0	98.7
1997–98	92.3	94.6	89.7	88.2	96.5	83.8	95.6	93.9	99.4	94.2	93.6	98.9	98.9	96.5	99.6
1998–99	92.4	94.9	89.4	88.2	97.0	83.6	95.6	94.1	99.1	94.3	93.7	98.8	98.6	97.0	99.2
1999–2000	92.6	95.1	89.6	88.4	97.0	83.7	95.8	94.3	99.2	94.5	94.0	98.7	98.7	96.6	99.4
High school class class standing															
1990–91	43.4	66.1	13.5	31.7	69.5	10.3	53.7	64.7	20.7	63.6	67.2	35.8	11.7	10.7	11.9
1995–96	42.8	65.0	12.8	30.6	71.4	8.4	53.7	62.4	24.0	63.0	66.6	37.5	11.8	8.8	13.2
1997–98	38.5	63.3	10.0	28.8	69.9	7.4	46.2	60.6	14.5	62.1	66.3	31.6	8.5	9.8	8.1
1998–99	38.1	62.5	9.1	28.2	68.9	6.6	45.7	60.0	13.4	62.4	66.5	29.9	8.2	9.6	7.7
1999–2000	37.6	61.7	8.6	28.1	68.4	6.4	44.8	59.2	12.3	62.6	66.1	32.0	6.8	7.9	6.4
Admissions test scores															
1990–91	68.8	86.5	45.6	59.2	93.1	40.0	77.3	83.7	58.3	82.6	85.4	61.0	54.9	46.4	56.7
1995–96	68.3	84.3	46.7	58.7	93.1	40.0	76.8	80.7	63.6	80.4	82.6	64.7	60.9	56.9	62.7
1997–98	66.9	83.7	47.4	57.2	92.4	38.7	74.5	80.3	61.8	80.7	82.8	65.5	59.9	58.0	60.4
1998–99	67.9	84.1	48.6	58.4	92.2	40.4	75.2	81.0	62.1	81.7	83.7	65.9	60.6	59.9	60.8
1999–2000	68.1	84.3	48.8	58.3	92.8	39.8	75.6	81.0	63.6	82.2	83.7	69.3	61.5	60.7	61.8
TOEFL or equivalent															
1990–91	73.5	85.0	58.4	76.1	88.2	69.3	71.1	83.7	33.6	81.4	84.5	57.2	27.6	66.1	19.6
1995–96	76.5	87.1	62.3	77.5	91.5	69.8	75.7	85.2	43.2	81.9	85.6	55.4	47.9	80.4	33.3
1997–98	71.8	86.5	54.8	76.5	91.9	68.4	68.0	84.4	32.3	82.4	86.1	55.4	34.0	68.5	23.8
1998–99	73.1	87.0	56.7	78.8	91.7	72.0	68.6	85.1	31.4	83.4	87.0	54.9	35.5	70.7	23.3
1999–2000	73.9	88.1	57.0	80.6	95.3	72.7	68.8	85.3	31.2	83.5	86.7	55.3	37.4	75.3	24.1
Residence															
1990–91	10.2	8.4	12.6	20.3	24.9	17.7	1.3	1.4	0.9	1.4	1.5	1.3	0.6	0.0	0.7
1995–96	10.4	8.2	13.4	20.8	25.4	18.3	1.1	1.1	1.0	1.2	1.2	1.1	0.9	1.0	0.9
1997–98	9.3	8.2	10.7	19.7	25.4	16.7	1.1	1.4	0.6	1.4	1.4	1.1	0.6	1.4	0.4
1998–99	8.9	7.8	10.2	19.1	24.9	16.0	0.9	1.1	0.5	1.2	1.2	0.6	0.3	0.0	0.4
1999–2000	8.7	8.0	9.6	18.4	25.1	14.8	1.3	1.4	0.9	1.5	1.5	1.3	0.7	0.6	0.8
Ability to benefit															
1990–91	51.5	48.0	56.0	47.1	32.5	55.4	55.3	54.6	57.3	56.1	55.9	57.2	51.8	25.0	57.4
1995–96	51.1	48.8	54.2	52.0	34.3	61.6	50.3	54.7	35.7	55.9	57.3	45.7	25.5	20.6	27.6
1997–98	48.8	47.9	49.8	52.1	34.3	61.4	46.2	53.3	30.7	55.5	57.4	41.8	24.2	16.1	26.7
1998–99	48.7	48.2	49.2	52.6	34.6	62.1	45.6	53.5	27.8	56.2	58.0	42.1	21.8	18.6	22.9
1999–2000	48.4	48.2	48.6	52.6	34.6	62.3	45.2	53.5	26.2	56.9	58.4	43.3	20.1	17.4	21.1
Age															
1990–91	15.8	6.6	27.9	26.0	10.5	34.7	6.8	5.0	12.4	5.0	4.4	9.4	14.7	17.9	14.1
1995–96	16.2	6.1	29.7	27.3	9.4	37.1	6.3	4.8	11.2	4.3	3.6	8.7	15.2	19.6	13.2
1997–98	17.1	6.4	29.4	28.1	8.8	38.2	8.4	5.4	14.9	3.9	3.4	7.9	18.9	23.8	17.5
1998–99	17.0	6.1	29.9	28.2	6.9	39.5	8.3	5.8	14.1	3.8	3.3	7.9	18.5	25.1	16.3
1999–2000	17.0	6.4	29.6	28.4	8.0	39.4	8.2	5.8	13.8	3.7	3.1	8.7	17.9	25.3	15.3
Open admission															
1990–91	5.8	1.0	12.0	10.8	1.8	15.9	1.3	0.7	3.3	1.2	0.7	5.0	2.1	1.8	2.2
1995–96	18.2	4.4	36.9	33.4	6.2	48.2	4.8	3.7	8.3	5.1	4.0	12.5	3.3	0.0	4.8
1997–98	19.0	4.7	35.4	37.5	6.5	53.6	4.4	4.0	5.3	5.0	4.3	9.6	3.0	0.7	3.8
1998–99	20.8	5.1	39.4	41.5	6.7	60.0	4.7	4.5	5.3	4.9	4.4	8.5	4.3	4.8	4.2
1999–2000	21.6	5.3	41.1	43.2	7.5	62.4	5.0	4.4	6.4	4.9	4.4	9.3	5.4	5.1	5.6

NOTE: Data for 1990–91 and 1995–96 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics" surveys. (This table was prepared September 2000.)

Table 313.—Percent of degree-granting institutions offering remedial services, by type and control of institution: 1987–88 to 2000–01

Type and control of institution	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000	2000–01	Change in percentage points	
															1987–88 to 1996–97	1990–91 to 2000–01
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	72.7	74.9	76.6	77.7	78.6	78.5	79.0	79.8	79.5	80.0	76.7	76.1	76.1	75.1	7.3	(1)
All 4-year colleges	66.0	68.2	69.6	70.6	71.4	71.5	72.2	73.6	73.0	73.1	72.5	72.0	71.6	71.4	7.1	(1)
All 2-year colleges	82.7	84.7	87.2	88.4	89.2	88.8	89.5	89.1	89.4	91.0	82.2	81.5	82.2	80.4	8.3	(1)
Public institutions	90.4	91.0	92.4	93.0	93.9	93.5	93.5	93.7	93.7	94.0	93.8	93.6	93.5	93.1	3.6	0.1
4-year colleges	80.5	81.8	82.9	83.5	84.5	84.5	84.6	85.3	85.4	85.1	85.2	84.2	83.6	81.7	4.6	-1.9
2-year colleges	96.4	96.6	98.2	98.9	99.6	98.8	98.7	98.6	98.6	99.2	98.7	99.0	99.2	99.7	2.9	0.9
Private institutions	58.6	62.0	64.1	65.6	66.3	66.4	67.4	68.6	68.0	68.6	64.2	63.6	63.9	62.8	10.0	(1)
4-year colleges	60.3	63.0	64.5	65.6	66.4	66.5	67.5	69.2	68.4	68.6	67.8	67.7	67.4	67.9	8.3	(1)
2-year colleges	53.0	58.6	63.0	65.5	65.8	65.8	67.0	66.6	66.3	68.4	55.1	52.8	54.4	48.8	15.3	(1)
Not-for-profit	(1)	(1)	65.0	65.6	66.2	66.7	67.7	69.3	68.9	69.2	69.0	68.6	69.2	67.6	(1)	2.0
4-year colleges	(1)	(1)	64.2	64.9	65.8	66.2	67.0	68.7	68.3	68.3	68.3	68.3	68.5	67.0	(1)	2.1
2-year colleges	(1)	(1)	71.8	71.3	69.9	71.5	73.5	74.0	73.3	77.3	75.4	71.6	76.7	73.6	(1)	2.4
For-profit	(1)	(1)	59.5	65.6	66.6	64.6	65.6	65.2	63.5	65.2	51.7	51.1	51.5	52.7	(1)	(1)
4-year colleges	(1)	(1)	71.7	81.3	79.2	73.7	76.3	76.0	69.2	72.7	63.9	63.4	60.1	72.9	(1)	(1)
2-year colleges	(1)	(1)	57.0	62.0	63.2	62.0	62.1	60.8	60.5	60.8	47.5	46.2	47.7	41.8	(1)	(1)

[1] Not comparable.

NOTE: Data for 1987–88 to 1996–97 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics" surveys. (This table was prepared September 2001.)

Table 314.—Percentage distribution of enrollment and completion status of first-time postsecondary students starting during the 1995–96 academic year, by type of institution and other student characteristics: 1998

Student and institution characteristics	Students starting in less than 4-year institutions						Students starting in 4-year institutions					
	Highest degree attained				No degree, still enrolled	No degree, not enrolled	Highest degree attained				No degree, still enrolled	No degree, not enrolled
	Total, any degree[1]	Certificate	Associate	Bachelor's			Total, any degree[1]	Certificate	Associate	Bachelor's		
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**24.0 (1.3)**	**16.4 (1.2)**	**7.3 (0.7)**	**0.0 (0.0)**	**34.1 (1.6)**	**41.9 (1.6)**	**4.3 (0.4)**	**1.5 (0.2)**	**2.0 (0.2)**	**0.8 (0.2)**	**77.3 (0.8)**	**18.4 (0.8)**
Male	20.8 (2.0)	13.0 (1.6)	7.4 (1.1)	0.1 (0.1)	38.4 (2.6)	40.8 (2.6)	4.5 (0.6)	1.7 (0.4)	1.9 (0.3)	0.9 (0.3)	75.6 (1.3)	19.9 (1.2)
Female	26.4 (1.8)	18.9 (1.6)	7.2 (0.9)	0.0 —	30.6 (2.1)	43.0 (2.3)	4.2 (0.5)	1.3 (0.2)	2.1 (0.3)	0.8 (0.2)	78.6 (1.1)	17.3 (1.1)
Age when first enrolled												
18 years or younger	20.3 (1.7)	8.5 (1.0)	11.7 (1.4)	0.0 —	45.3 (2.5)	34.5 (2.4)	3.0 (0.3)	1.1 (0.2)	1.6 (0.2)	0.3 (0.1)	82.1 (0.9)	15.0 (0.8)
19 years	17.7 (2.6)	11.6 (1.8)	6.0 (1.6)	0.0 —	44.9 (4.9)	37.5 (4.6)	5.9 (1.3)	1.4 (0.5)	2.7 (0.9)	2.1 (0.9)	73.1 (2.5)	21.0 (2.2)
20 to 23 years	27.2 (3.6)	22.3 (3.3)	4.4 (1.4)	0.2 (0.2)	25.5 (4.3)	47.4 (4.7)	14.4 (3.4)	5.6 (2.1)	2.8 (1.6)	5.8 (2.3)	46.6 (4.4)	39.0 (4.4)
24 to 29 years	35.0 (5.4)	31.9 (5.3)	2.3 (0.8)	0.0 —	16.7 (4.3)	48.3 (5.6)	12.4 (4.6)	3.2 (1.9)	9.0 (4.2)	0.0 —	50.4 (6.9)	37.2 (6.8)
30 years or over	28.3 (3.4)	25.2 (3.2)	2.9 (0.8)	0.0 —	16.4 (3.6)	55.3 (4.2)	8.9 (2.8)	4.3 (1.9)	3.2 (1.8)	1.2 (1.2)	40.3 (5.7)	50.8 (5.7)
Race/ethnicity												
White, non-Hispanic	24.3 (1.7)	15.5 (1.5)	8.3 (1.0)	0.0 (0.0)	34.6 (2.0)	41.1 (2.1)	3.9 (0.4)	1.1 (0.2)	2.0 (0.3)	0.7 (0.2)	77.6 (1.0)	18.5 (1.0)
Black, non-Hispanic	27.5 (3.6)	21.3 (3.3)	5.6 (1.7)	0.0 —	23.6 (4.2)	49.0 (4.6)	4.4 (1.2)	3.4 (1.1)	0.9 (0.4)	0.0 —	71.0 (2.3)	24.7 (2.1)
Hispanic	22.9 (3.2)	18.2 (2.9)	4.9 (1.2)	0.0 —	38.4 (4.6)	38.8 (4.3)	6.8 (1.5)	2.4 (0.9)	2.2 (0.7)	2.2 (1.0)	75.3 (2.4)	17.9 (2.1)
Asian/Pacific Islander	15.3 (5.1)	11.7 (4.7)	5.4 (2.7)	0.0 —	37.9 (8.5)	46.8 (9.3)	2.2 (0.9)	0.3 (0.2)	1.6 (0.8)	1.1 (0.9)	86.5 (3.3)	11.3 (3.3)
Highest education level of parents												
High school diploma or less	27.4 (2.1)	20.9 (1.8)	6.4 (0.9)	0.0 —	28.8 (2.3)	43.8 (2.3)	5.5 (0.8)	2.0 (0.5)	2.3 (0.4)	1.1 (0.4)	67.3 (1.7)	27.2 (1.6)
Some postsecondary	20.1 (2.7)	12.7 (2.2)	6.9 (1.5)	0.0 —	38.2 (3.8)	41.7 (4.0)	5.9 (1.1)	1.9 (0.6)	3.2 (0.7)	0.7 (0.5)	70.6 (2.3)	23.5 (2.2)
Bachelor's degree	21.3 (3.4)	8.6 (1.7)	12.4 (2.9)	0.2 (0.2)	43.4 (4.4)	35.3 (4.2)	3.6 (0.7)	1.3 (0.3)	1.8 (0.5)	0.7 (0.4)	82.2 (1.7)	14.2 (1.6)
Advanced degree	11.4 (3.1)	3.6 (1.2)	8.7 (3.0)	0.0 —	49.1 (8.3)	39.5 (8.5)	2.4 (0.5)	0.8 (0.3)	0.9 (0.3)	0.6 (0.3)	88.5 (1.3)	9.1 (1.2)
Dependency status when first enrolled												
Dependent	20.3 (1.5)	10.2 (1.0)	9.9 (1.2)	0.0 (0.0)	45.0 (2.1)	34.7 (2.0)	3.8 (0.4)	1.3 (0.2)	1.8 (0.2)	0.8 (0.2)	80.2 (0.8)	16.0 (0.8)
Independent	30.5 (2.4)	26.2 (2.3)	3.8 (0.8)	0.0 —	16.9 (1.9)	52.7 (2.8)	9.1 (1.7)	4.2 (1.1)	3.9 (1.3)	0.7 (0.5)	48.1 (3.3)	42.9 (3.3)
Dependent student family income in 1994												
Less than $25,000	23.0 (3.0)	13.5 (2.3)	9.3 (2.0)	0.0 —	40.6 (3.7)	36.4 (3.5)	5.6 (1.0)	2.0 (0.6)	2.4 (0.5)	1.3 (0.6)	73.3 (2.1)	21.1 (2.0)
$25,000 to $44,999	19.7 (2.5)	11.1 (1.7)	9.1 (1.7)	0.0 —	47.5 (4.2)	32.8 (3.6)	4.2 (0.8)	1.6 (0.4)	1.7 (0.5)	0.8 (0.4)	75.7 (1.7)	20.2 (1.6)
$45,000 to $69,999	18.4 (3.0)	7.7 (1.8)	10.3 (2.3)	0.0 —	39.2 (4.7)	42.5 (5.0)	3.4 (0.6)	0.8 (0.2)	1.7 (0.4)	0.8 (0.4)	82.9 (1.4)	13.7 (1.4)
$70,000 or more	18.6 (3.7)	5.8 (1.5)	11.7 (3.2)	0.2 (0.2)	57.9 (5.0)	23.5 (4.1)	2.8 (0.5)	1.0 (0.3)	1.3 (0.3)	0.6 (0.2)	85.8 (1.4)	11.5 (1.4)
Delayed postsecondary enrollment												
Did not delay[2]	19.6 (1.6)	8.5 (0.9)	11.1 (1.3)	0.0 —	47.5 (2.3)	32.9 (2.2)	2.8 (0.3)	1.0 (0.2)	1.6 (0.2)	0.2 (0.1)	82.3 (0.8)	14.9 (0.8)
Delayed entry	27.6 (2.2)	23.2 (2.1)	3.9 (0.7)	0.1 (0.1)	22.6 (2.2)	49.8 (2.6)	10.6 (1.5)	3.6 (0.9)	3.6 (0.9)	3.5 (0.9)	55.8 (2.4)	33.6 (2.3)
Attendance status when first enrolled												
Full-time	30.5 (1.7)	20.0 (1.5)	10.5 (1.1)	0.0 —	32.4 (2.0)	37.2 (2.0)	4.0 (0.4)	1.1 (0.2)	2.1 (0.3)	0.8 (0.2)	79.6 (0.9)	16.5 (0.8)
Part-time	14.4 (2.1)	11.8 (2.0)	2.5 (0.7)	0.1 (0.1)	36.8 (2.9)	48.9 (3.0)	7.3 (1.6)	5.2 (1.5)	1.6 (0.7)	0.6 (0.4)	56.9 (3.2)	35.9 (3.1)
Intensity of enrollment through 1998												
Always part-time	11.5 (2.7)	11.4 (2.7)	0.1 (0.1)	0.0 —	18.5 (2.8)	70.1 (3.5)	4.0 (2.2)	5.1 (1.9)	1.6 (1.1)	0.0 —	24.9 (4.8)	68.4 (5.0)
Mixed	17.2 (2.0)	12.0 (1.7)	5.1 (1.1)	0.1 (0.1)	52.6 (3.0)	30.1 (2.9)	4.8 (0.9)	2.8 (0.7)	1.2 (0.4)	0.8 (0.4)	77.0 (1.7)	18.3 (1.6)
Always full-time	36.6 (2.2)	23.5 (1.9)	13.0 (1.5)	0.0 —	26.7 (2.2)	36.7 (2.3)	6.7 (0.4)	1.0 (0.2)	2.2 (0.3)	0.8 (0.2)	79.8 (0.9)	16.2 (0.9)
Degree goal at first institution												
None	14.0 (2.3)	10.4 (1.8)	3.5 (1.4)	0.0 —	26.6 (4.0)	59.4 (4.1)	5.5 (1.3)	3.7 (1.1)	1.6 (0.6)	0.5 (0.5)	50.1 (3.7)	44.4 (3.7)
Certificate	52.3 (3.3)	50.9 (3.2)	2.0 (0.7)	0.0 —	8.2 (1.9)	39.0 (3.2)	24.8 (5.9)	14.4 (4.9)	9.7 (3.5)	0.0 —	39.0 (7.2)	36.2 (7.5)
Associate degree	20.5 (1.8)	6.2 (0.9)	13.9 (1.6)	0.1 (0.1)	37.1 (2.4)	42.4 (2.7)	22.6 (3.9)	5.6 (3.0)	15.7 (2.8)	0.0 —	38.1 (4.0)	39.3 (4.6)
Bachelor's degree	[3]8.1 (1.9)	[3]2.3 (0.9)	[3]5.6 (1.7)	[3]0.0 —	[3]60.2 (3.9)	[3]31.7 (3.7)	3.8 (0.4)	1.2 (0.2)	1.7 (0.3)	1.0 (0.2)	81.1 (0.7)	15.1 (0.6)
Worked while enrolled 1995–96												
Did not work	33.3 (2.5)	25.2 (2.1)	7.8 (1.4)	0.0 —	26.3 (2.6)	40.5 (3.0)	4.5 (0.7)	1.5 (0.4)	2.4 (0.5)	0.8 (0.3)	82.0 (1.1)	13.4 (0.9)
Worked part time	25.0 (2.0)	13.2 (1.6)	11.5 (1.4)	0.1 (0.1)	42.8 (2.3)	32.2 (2.1)	4.5 (0.5)	1.3 (0.3)	2.1 (0.3)	1.1 (0.3)	78.4 (1.0)	17.1 (0.9)
Worked full time	18.9 (2.4)	14.8 (2.2)	3.8 (1.0)	0.0 —	25.0 (2.5)	56.1 (3.0)	6.1 (1.2)	3.5 (0.9)	1.6 (0.5)	0.9 (0.6)	55.6 (2.9)	38.4 (2.9)
Control of first institution												
Public	16.4 (1.5)	9.5 (1.2)	6.7 (0.9)	0.0 —	40.0 (1.9)	43.6 (2.0)	3.9 (0.5)	1.4 (0.3)	1.8 (0.3)	0.8 (0.3)	77.3 (1.1)	18.8 (1.0)
Private, not for profit	42.3 (3.9)	14.3 (2.8)	25.9 (3.0)	1.3 (1.3)	20.1 (3.1)	37.6 (3.7)	4.3 (0.6)	1.5 (0.4)	2.0 (0.3)	0.7 (0.2)	78.5 (1.4)	17.2 (1.2)
Private, for profit	56.4 (2.5)	47.5 (2.5)	8.2 (1.1)	0.0 —	8.8 (1.3)	34.8 (2.4)	25.2 (5.3)	7.6 (2.9)	13.9 (4.6)	3.2 (3.1)	41.3 (6.0)	33.6 (6.2)

[1] Includes a small percent of students who have attained a degree and are still enrolled. Includes recipients of degrees not shown separately.

[2] Includes students with a standard high school diploma who enrolled in postsecondary education in the same year as their graduation.

[3] Includes students whose goal is to transfer to a 4-year institution.

NOTE: Data reflect completion and enrollment status by spring 1998 of first-time postsecondary students starting in academic year 1995–96. Some cells in this table have relatively large sampling errors. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1995–96 Beginning Postsecondary Students Longitudinal Study, First Follow-up. (This table was prepared May 2001.)

Table 315.—Scores on Graduate Record Examination (GRE) and subject matter tests: 1965 to 1999

Academic year ending	Number of GRE takers	GRE takers as a percent of bachelor's degrees	Verbal		Quantitative		Analytical		Subject matter tests											
									Biology		Chemistry		Education		Engineering		Literature		Psychology	
			Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1965	93,792	18.7	530	124	533	137	—	—	617	117	628	114	481	86	618	108	591	95	556	91
1966	123,960	23.8	520	124	528	133	—	—	610	115	618	110	474	87	609	106	588	94	552	91
1967	151,134	27.0	519	125	528	134	—	—	613	114	615	104	476	90	603	104	582	91	553	93
1968	182,432	28.8	520	124	527	135	—	—	614	114	617	104	478	87	601	105	572	91	547	93
1969	206,113	28.3	515	124	524	132	—	—	613	112	613	104	477	88	591	103	569	89	543	89
1970	265,359	33.5	503	123	516	132	—	—	603	111	613	113	462	92	586	110	556	90	532	91
1971	293,600	35.0	497	125	512	134	—	—	603	114	618	117	457	95	587	115	546	91	530	92
1972	293,506	33.1	494	126	508	136	—	—	606	115	624	124	446	93	594	119	544	96	528	92
1973	290,104	31.5	497	125	512	135	—	—	619	110	630	114	459	96	593	114	545	96	529	92
1974	301,070	31.8	492	126	509	137	—	—	624	110	634	115	452	93	591	121	547	99	530	95
1975	298,335	32.3	493	125	508	137	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1976	299,292	32.3	492	127	510	138	—	—	627	112	627	107	454	93	594	119	539	101	531	93
1977	287,715	31.3	490	129	514	139	—	—	625	113	630	109	453	93	592	115	532	101	532	95
1978	286,383	31.1	484	128	518	135	—	—	622	113	624	108	452	91	594	114	530	102	529	97
1979	282,482	30.7	476	130	517	135	—	—	621	117	623	104	451	89	592	115	525	102	530	97
1980	272,281	29.3	474	131	522	136	—	—	619	115	618	105	449	90	590	116	521	105	534	98
1981	262,855	28.1	473	128	523	136	—	—	617	115	615	103	453	90	590	116	520	99	532	97
1982	256,381	26.9	469	130	533	137	498	126	616	114	616	105	456	89	593	115	521	100	532	97
1983	263,674	27.2	473	131	541	138	504	128	623	115	620	105	459	90	599	114	527	98	542	95
1984	265,221	27.2	475	130	541	139	512	129	622	115	619	102	461	90	604	114	530	97	543	96
1985	271,972	27.8	474	126	545	140	516	129	619	114	621	101	459	89	615	120	531	95	541	95
1986	279,428	28.3	475	126	552	140	520	129	612	114	628	106	464	87	616	119	527	96	542	97
1987	293,560	29.6	477	126	550	140	521	128	616	116	629	104	465	86	619	119	526	95	536	95
1988	303,703	30.5	483	123	557	140	528	128	615	114	631	108	467	85	622	120	525	94	537	94
1989	326,096	32.0	484	125	560	142	530	129	612	114	642	117	465	87	626	116	528	91	538	95
1990	344,572	32.8	486	123	562	143	534	128	612	114	662	123	461	84	617	111	523	92	537	95
1991	379,882	34.7	485	122	562	141	536	129	609	113	660	123	457	85	611	111	523	93	535	95
1992	411,528	36.2	483	120	561	140	537	129	605	113	654	128	462	82	610	117	525	92	536	95
1993	400,246	34.4	481	117	557	140	541	129	606	114	662	133	462	80	602	115	516	94	536	97
1994	[1] 399,395	34.2	479	116	553	139	545	129	620	116	627	113	[2] 493	104	601	115	517	95	538	96
1995	[1] 389,539	33.0	477	115	553	140	544	131	622	116	675	138	[2] 488	102	596	113	513	96	544	98
1996	[1] 376,013	32.3	473	114	558	139	549	131	614	114	678	135	[2] 489	104	604	119	512	97	547	99
1997	[1] 376,062	32.1	472	113	562	139	548	129	620	115	684	143	[2] 487	103	602	114	525	100	554	99
1998	[1] 364,554	30.8	471	113	569	141	543	133	628	113	686	137	[2] 477	100	609	118	530	100	563	100
1999	396,330	33.0	468	114	565	143	542	133	626	114	684	137	(3)	(3)	604	115	527	100	559	99

—Not available.

[1] Total includes examinees who received no score on one or more General Test measures.

[2] Data reported for 1994 through 1998 are from the revised education test.

[3] The education subject test was administered for the final time in April 1998.

NOTE: GRE scores for the verbal, quantitative, and analytical sections range from 200 to 800. Subject matter test scores range from 200 to 990. Some data have been revised from previously published figures.

SOURCE: Graduate Record Examination Board, *Examinee and Score Trends for the GRE General Test*, various years; and *A Summary of Data Collected From Graduate Record Examinations Test-Takers During 1986–87; Guide to the Use of Scores, 2000–01*; unpublished data; and U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS) "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared May 2001.)

Table 316.—Average undergraduate tuition and fees and room and board rates paid by full-time-equivalent students in degree-granting institutions, by type and control of institution: 1964–65 to 2000–01

Year and control of institution	Total tuition, room, and board					Tuition and required fees (in-state)					Dormitory rooms					Board (7-day basis)[1]				
	All institutions	4-year institutions			2-year	All institutions	4-year institutions			2-year	All institutions	4-year institutions			2-year	All institutions	4-year institutions			2-year
		All 4-year	Universities	Other 4-year			All 4-year	Universities	Other 4-year			All 4-year	Universities	Other 4-year			All 4-year	Universities	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
All institutions																				
1976–77	$2,275	$2,577	$2,647	$2,527	$1,598	$924	$1,218	$1,210	$1,223	$346	$603	$611	$649	$584	$503	$748	$748	$788	$719	$750
1977–78	2,411	2,725	2,777	2,685	1,703	984	1,291	1,269	1,305	378	645	654	691	628	525	781	780	818	752	801
1978–79	2,587	2,917	2,967	2,879	1,828	1,073	1,397	1,370	1,413	411	688	696	737	667	575	826	825	860	800	842
1979–80	2,809	3,167	3,223	3,124	1,979	1,163	1,513	1,484	1,530	451	751	759	803	729	628	895	895	936	865	900
1980–81	3,101	3,499	3,535	3,469	2,230	1,289	1,679	1,634	1,705	526	836	846	881	821	705	976	975	1,020	943	1,000
1981–82	3,489	3,951	4,005	3,908	2,476	1,457	1,907	1,860	1,935	590	950	961	1,023	919	793	1,083	1,082	1,121	1,055	1,094
1982–83	3,877	4,406	4,466	4,356	2,713	1,626	2,139	2,081	2,173	675	1,064	1,078	1,150	1,028	873	1,187	1,189	1,235	1,155	1,165
1983–84	4,167	4,747	4,793	4,712	2,854	1,783	2,344	2,300	2,368	730	1,145	1,162	1,211	1,130	916	1,239	1,242	1,282	1,214	1,208
1984–85	4,563	5,160	5,236	5,107	3,179	1,985	2,567	2,539	2,583	821	1,267	1,282	1,343	1,242	1,058	1,310	1,311	1,353	1,282	1,301
1985–86[2]	4,885	5,504	5,597	5,441	3,367	2,181	2,784	2,770	2,793	888	1,338	1,355	1,424	1,309	1,107	1,365	1,365	1,403	1,339	1,372
1986–87[3]	5,206	5,964	6,124	5,857	3,295	2,312	3,042	3,042	3,042	897	1,405	1,427	1,501	1,376	1,034	1,489	1,495	1,581	1,439	1,364
1987–88	5,494	6,272	6,339	6,226	3,263	2,458	3,201	3,168	3,220	809	1,488	1,516	1,576	1,478	1,017	1,549	1,555	1,596	1,529	1,437
1988–89	5,869	6,725	6,801	6,673	3,573	2,658	3,472	3,422	3,499	979	1,575	1,609	1,665	1,573	1,085	1,636	1,644	1,715	1,601	1,509
1989–90	6,207	7,212	7,347	7,120	3,705	2,839	3,800	3,765	3,819	978	1,638	1,675	1,732	1,638	1,105	1,730	1,737	1,850	1,663	1,622
1990–91	6,562	7,602	7,709	7,528	3,930	3,016	4,009	3,958	4,036	1,087	1,743	1,782	1,848	1,740	1,182	1,802	1,811	1,903	1,751	1,660
1991–92	7,077	8,238	8,390	8,142	4,092	3,286	4,385	4,368	4,394	1,189	1,874	1,921	1,996	1,875	1,210	1,918	1,931	2,026	1,872	1,692
1992–93	7,452	8,758	8,934	8,648	4,207	3,517	4,752	4,665	4,795	1,276	1,939	1,991	2,104	1,926	1,240	1,996	2,015	2,165	1,927	1,692
1993–94	7,931	9,296	9,495	9,186	4,449	3,827	5,119	5,104	5,127	1,399	2,057	2,111	2,190	2,068	1,332	2,047	2,067	2,201	1,992	1,718
1994–95	8,306	9,728	9,863	9,646	4,633	4,044	5,391	5,287	5,441	1,488	2,145	2,200	2,281	2,155	1,396	2,116	2,138	2,295	2,049	1,750
1995–96	8,800	10,330	10,560	10,195	4,725	4,338	5,786	5,733	5,812	1,522	2,264	2,318	2,423	2,260	1,473	2,199	2,226	2,404	2,123	1,730
1996–97	9,206	10,841	11,033	10,726	4,895	4,564	6,118	6,055	6,150	1,543	2,365	2,422	2,518	2,368	1,522	2,276	2,301	2,460	2,208	1,830
1997–98	9,588	11,277	11,382	11,205	5,192	4,755	6,351	6,232	6,408	1,695	2,444	2,507	2,575	2,469	1,598	2,389	2,419	2,576	2,327	1,900
1998–99	10,076	11,888	12,123	11,752	5,291	5,013	6,723	6,713	6,728	1,725	2,557	2,626	2,710	2,578	1,616	2,506	2,540	2,700	2,446	1,950
1999–2000	10,444	12,352	12,613	12,198	5,408	5,238	7,044	7,026	7,052	1,721	2,682	2,749	2,845	2,695	1,733	2,524	2,559	2,741	2,451	1,954
2000–01[4]	10,876	12,919	13,187	12,763	5,477	5,442	7,376	7,371	7,378	1,720	2,815	2,888	2,997	2,826	1,753	2,619	2,656	2,819	2,559	2,005
Public institutions																				
1964–65	950	—	1,051	867	638	243	—	298	224	99	271	—	291	241	178	436	—	462	402	361
1965–66	983	—	1,105	904	670	257	—	327	241	109	281	—	304	255	194	445	—	474	408	367
1966–67	1,026	—	1,171	947	710	275	—	360	259	121	294	—	321	271	213	457	—	490	417	376
1967–68	1,064	—	1,199	997	789	283	—	366	268	144	313	—	337	292	243	468	—	496	437	402
1968–69	1,117	—	1,245	1,063	883	295	—	377	281	170	337	—	359	318	278	485	—	509	464	435
1969–70	1,203	—	1,362	1,135	951	323	—	427	306	178	369	—	395	346	308	511	—	540	483	465
1970–71	1,287	—	1,477	1,206	998	351	—	478	332	187	401	—	431	375	338	535	—	568	499	473
1971–72	1,357	—	1,579	1,263	1,073	376	—	526	354	192	430	—	463	400	366	551	—	590	509	515
1972–73	1,458	—	1,668	1,460	1,197	407	—	566	455	233	476	—	500	455	398	575	—	602	550	566
1973–74	1,517	—	1,707	1,506	1,274	438	—	581	463	274	480	—	505	464	409	599	—	621	579	591
1974–75	1,563	—	1,760	1,558	1,339	432	—	599	448	277	506	—	527	497	424	625	—	634	613	638
1975–76	1,666	—	1,935	1,657	1,386	433	—	642	469	245	544	—	573	533	442	689	—	720	655	699
1976–77	1,789	1,935	2,067	1,827	1,491	479	617	689	564	283	582	592	614	572	465	728	727	763	692	742
1977–78	1,888	2,038	2,170	1,931	1,590	512	655	736	596	306	621	631	649	616	486	755	752	785	720	797
1978–79	1,994	2,145	2,289	2,027	1,691	543	688	777	622	327	655	664	689	641	527	796	793	823	764	837
1979–80	2,165	2,327	2,487	2,198	1,822	583	738	840	662	355	715	725	750	703	574	867	865	898	833	893
1980–81	2,373	2,550	2,712	2,421	2,027	635	804	915	722	391	799	811	827	796	642	940	936	969	904	994
1981–82	2,663	2,871	3,079	2,705	2,224	714	909	1,042	813	434	909	925	970	885	703	1,039	1,036	1,067	1,006	1,086
1982–83	2,945	3,196	3,403	3,032	2,390	798	1,031	1,164	936	473	1,010	1,030	1,072	993	755	1,136	1,134	1,167	1,103	1,162
1983–84	3,156	3,433	3,628	3,285	2,534	891	1,148	1,284	1,052	528	1,087	1,110	1,131	1,092	801	1,178	1,175	1,213	1,141	1,205
1984–85	3,408	3,682	3,899	3,518	2,807	971	1,228	1,386	1,117	584	1,196	1,217	1,237	1,200	921	1,241	1,237	1,276	1,201	1,302
1985–86[2]	3,571	3,859	4,146	3,637	2,981	1,045	1,318	1,536	1,157	641	1,242	1,263	1,290	1,240	960	1,285	1,278	1,320	1,240	1,380
1986–87[3]	3,805	4,138	4,469	3,891	2,989	1,106	1,414	1,651	1,248	660	1,301	1,323	1,355	1,295	979	1,398	1,401	1,464	1,348	1,349
1987–88	4,050	4,403	4,619	4,250	3,066	1,218	1,537	1,726	1,407	706	1,378	1,410	1,410	1,409	943	1,454	1,456	1,482	1,434	1,417
1988–89	4,274	4,678	4,905	4,526	3,183	1,285	1,646	1,846	1,515	730	1,457	1,496	1,483	1,506	965	1,533	1,536	1,576	1,504	1,488
1989–90	4,504	4,975	5,324	4,723	3,299	1,356	1,780	2,035	1,608	756	1,513	1,557	1,561	1,554	962	1,635	1,638	1,728	1,561	1,581
1990–91	4,757	5,243	5,585	5,004	3,467	1,454	1,888	2,159	1,707	824	1,612	1,657	1,658	1,655	1,050	1,691	1,698	1,767	1,641	1,594
1991–92	5,138	5,693	6,050	5,458	3,623	1,628	2,117	2,409	1,931	936	1,731	1,785	1,789	1,782	1,074	1,780	1,792	1,852	1,745	1,612
1992–93	5,379	6,020	6,442	5,740	3,799	1,782	2,349	2,604	2,192	1,025	1,756	1,816	1,856	1,787	1,106	1,841	1,854	1,982	1,761	1,668
1993–94	5,694	6,365	6,710	6,146	3,996	1,942	2,537	2,820	2,360	1,125	1,873	1,934	1,897	1,958	1,190	1,880	1,895	1,993	1,828	1,681
1994–95	5,965	6,670	7,077	6,409	4,137	2,057	2,681	2,977	2,499	1,192	1,959	2,023	1,992	2,044	1,232	1,949	1,967	2,108	1,866	1,712
1995–96	6,256	7,014	7,448	6,730	4,217	2,179	2,848	3,151	2,660	1,239	2,057	2,121	2,104	2,133	1,297	2,020	2,045	2,192	1,937	1,681

Table 316.—Average undergraduate tuition and fees and room and board rates paid by full-time-equivalent students in degree-granting institutions, by type and control of institution: 1964–65 to 2000–01—Continued

Year and control of institution	Total tuition, room, and board					Tuition and required fees (in-state)					Dormitory rooms					Board (7-day basis)[1]				
	All institutions	4-year institutions			2-year	All institutions	4-year institutions			2-year	All institutions	4-year institutions			2-year	All institutions	4-year institutions			2-year
		All 4-year	Universities	Other 4-year			All 4-year	Universities	Other 4-year			All 4-year	Universities	Other 4-year			All 4-year	Universities	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1996–97	6,530	7,334	7,792	7,035	4,404	2,271	2,987	3,323	2,778	1,276	2,148	2,214	2,187	2,232	1,339	2,111	2,133	2,282	2,025	1,789
1997–98	6,813	7,673	8,210	7,318	4,509	2,360	3,110	3,486	2,877	1,314	2,225	2,301	2,285	2,312	1,401	2,228	2,263	2,438	2,130	1,795
1998–99	7,107	8,027	8,625	7,631	4,604	2,430	3,229	3,640	2,974	1,327	2,330	2,409	2,408	2,410	1,450	2,347	2,389	2,576	2,247	1,828
1999–2000	7,310	8,275	8,912	7,852	4,720	2,506	3,349	3,768	3,091	1,338	2,440	2,519	2,516	2,521	1,549	2,364	2,406	2,628	2,239	1,834
2000–01[4]	7,621	8,655	9,326	8,214	4,862	2,600	3,506	3,983	3,212	1,359	2,566	2,651	2,656	2,647	1,603	2,454	2,498	2,687	2,355	1,900
Private institutions																				
1964–65	1,907	—	2,202	1,810	1,455	1,088	—	1,297	1,023	702	331	—	390	308	289	488	—	515	479	464
1965–66	2,005	—	2,316	1,899	1,557	1,154	—	1,369	1,086	768	356	—	418	330	316	495	—	529	483	473
1966–67	2,124	—	2,456	2,007	1,679	1,233	—	1,456	1,162	845	385	—	452	355	347	506	—	548	490	487
1967–68	2,205	—	2,545	2,104	1,762	1,297	—	1,534	1,237	892	392	—	455	366	366	516	—	556	501	504
1968–69	2,321	—	2,673	2,237	1,876	1,383	—	1,638	1,335	956	404	—	463	382	391	534	—	572	520	529
1969–70	2,530	—	2,920	2,420	1,993	1,533	—	1,809	1,468	1,034	436	—	503	409	413	561	—	608	543	546
1970–71	2,738	—	3,163	2,599	2,103	1,684	—	1,980	1,603	1,109	468	—	542	434	434	586	—	641	562	560
1971–72	2,917	—	3,375	2,748	2,186	1,820	—	2,133	1,721	1,172	494	—	576	454	449	603	—	666	573	565
1972–73	3,038	—	3,512	2,934	2,273	1,898	—	2,226	1,846	1,221	524	—	622	490	457	616	—	664	598	595
1973–74	3,164	—	3,717	3,040	2,410	1,989	—	2,375	1,925	1,303	533	—	622	502	483	642	—	720	613	624
1974–75	3,403	—	4,076	3,156	2,591	2,117	—	2,614	1,954	1,367	586	—	691	536	564	700	—	771	666	660
1975–76	3,663	—	4,467	3,385	2,711	2,272	—	2,881	2,084	1,427	636	—	753	583	572	755	—	833	718	712
1976–77	3,906	3,977	4,715	3,714	2,971	2,467	2,534	3,051	2,351	1,592	649	651	783	604	607	790	791	882	759	772
1977–78	4,158	4,240	5,033	3,967	3,148	2,624	2,700	3,240	2,520	1,706	698	702	850	648	631	836	838	943	800	811
1978–79	4,514	4,609	5,403	4,327	3,389	2,867	2,958	3,487	2,771	1,831	758	761	916	704	700	889	890	1,000	851	858
1979–80	4,912	5,013	5,891	4,700	3,751	3,130	3,225	3,811	3,020	2,062	827	831	1,001	768	766	955	957	1,078	912	923
1980–81	5,470	5,594	6,569	5,249	4,303	3,498	3,617	4,275	3,390	2,413	918	921	1,086	859	871	1,054	1,056	1,209	1,000	1,019
1981–82	6,166	6,330	7,443	5,947	4,746	3,953	4,113	4,887	3,853	2,605	1,038	1,039	1,229	970	1,022	1,175	1,178	1,327	1,124	1,119
1982–83	6,920	7,126	8,536	6,646	5,364	4,439	4,639	5,583	4,329	3,008	1,181	1,181	1,453	1,083	1,177	1,300	1,306	1,501	1,234	1,179
1983–84	7,508	7,759	9,308	7,244	5,571	4,851	5,093	6,217	4,726	3,099	1,278	1,279	1,531	1,191	1,253	1,380	1,387	1,559	1,327	1,219
1984–85	8,202	8,451	10,243	7,849	6,203	5,315	5,556	6,843	5,135	3,485	1,426	1,426	1,753	1,309	1,424	1,462	1,469	1,647	1,405	1,294
1985–86[2]	8,885	9,228	11,034	8,551	6,512	5,789	6,121	7,374	5,641	3,672	1,553	1,557	1,940	1,420	1,500	1,542	1,551	1,720	1,490	1,340
1986–87[3]	9,676	10,039	12,278	9,276	6,384	6,316	6,658	8,118	6,171	3,684	1,658	1,673	2,097	1,518	1,266	1,702	1,708	2,063	1,587	1,434
1987–88	10,512	10,659	13,075	9,854	7,078	6,988	7,116	8,771	6,574	4,161	1,748	1,760	2,244	1,593	1,380	1,775	1,783	2,060	1,687	1,537
1988–89	11,189	11,474	14,073	10,620	7,967	7,461	7,722	9,451	7,172	4,817	1,849	1,863	2,353	1,686	1,540	1,880	1,889	2,269	1,762	1,609
1989–90	12,018	12,284	15,098	11,374	8,670	8,147	8,396	10,348	7,778	5,196	1,923	1,935	2,411	1,774	1,663	1,948	1,953	2,339	1,823	1,811
1990–91	12,910	13,237	16,503	12,220	9,302	8,772	9,083	11,379	8,389	5,570	2,063	2,077	2,654	1,889	1,744	2,074	2,077	2,470	1,943	1,989
1991–92	13,892	14,258	17,572	13,201	9,632	9,419	9,759	12,037	9,060	5,754	2,221	2,241	2,825	2,042	1,788	2,252	2,257	2,709	2,098	2,090
1992–93	14,634	15,009	18,898	13,882	9,903	9,942	10,294	13,055	9,533	6,059	2,348	2,362	3,018	2,151	1,970	2,344	2,354	2,825	2,197	1,875
1993–94	15,496	15,904	20,097	14,640	10,406	10,572	10,952	13,874	10,100	6,370	2,490	2,506	3,277	2,261	2,067	2,434	2,445	2,946	2,278	1,970
1994–95	16,207	16,602	21,041	15,363	11,170	11,111	11,481	14,537	10,653	6,914	2,587	2,601	3,469	2,347	2,233	2,509	2,520	3,035	2,362	2,023
1995–96	17,208	17,612	22,502	16,198	11,563	11,864	12,243	15,605	11,297	7,094	2,738	2,751	3,680	2,473	2,371	2,606	2,617	3,218	2,429	2,098
1996–97	18,039	18,442	23,520	16,994	11,954	12,498	12,881	16,552	11,871	7,236	2,878	2,889	3,826	2,602	2,537	2,663	2,672	3,142	2,520	2,181
1997–98	18,516	19,070	24,116	17,717	12,921	12,801	13,344	17,229	12,338	7,464	2,954	2,964	3,756	2,731	2,672	2,762	2,761	3,132	2,648	2,785
1998–99	19,368	19,929	25,443	18,430	13,319	13,428	13,973	18,340	12,815	7,854	3,075	3,091	3,914	2,850	2,581	2,865	2,865	3,188	2,765	2,884
1999–2000	20,186	20,706	26,534	19,127	13,965	14,081	14,588	19,307	13,361	8,235	3,224	3,237	4,070	2,976	2,808	2,882	2,881	3,157	2,790	2,922
2000–01[4]	21,423	21,907	27,711	20,281	14,690	15,064	15,531	20,143	14,281	8,961	3,370	3,387	4,265	3,114	2,768	2,989	2,989	3,303	2,886	2,962

—Not available.

[1] Data for 1986–87 and later years reflect 20 meals per week rather than meals 7 days per week.

[2] Room and board data are estimated.

[3] Because of revisions in data collection procedures, figures are not entirely comparable with those for previous years. In particular, data on board rates are somewhat higher than earlier years because they reflect a basis of 20 meals per week rather than meals served 7 days per week. Since many institutions serve fewer than three meals each day, the 1986–87 and later data reflect a more accurate accounting of total board costs.

[4] Preliminary data based on fall 1999 enrollment weights.

NOTE: Data are for the entire academic year and are average charges paid by students. Tuition and fees were weighted by the number of full-time-equivalent undergraduates, but were not adjusted to reflect student residency. Room and board were based on full-time students. The data have not been adjusted for changes in the purchasing power of the dollar over time. Data for 1976–77 to 1996–97 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Some data have been revised from previously published figures. Because of their low response rate, data for private 2-year colleges must be interpreted with caution. Data for 1999 imputed using alternative procedures. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Institutional Characteristics of Colleges and Universities" and "Fall Enrollment in Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" and "Institutional Characteristics" surveys. (This table was prepared August 2001.)

Table 317.—Average undergraduate tuition and fees and room and board rates paid by full-time-equivalent students in degree-granting institutions, by control of institution and by state: 1999–2000 and 2000–01

State or other area	Public 4-year, 1999–2000		Public 4-year, 2000–01[1]				Private 4-year, 1999–2000		Private 4-year, 2000–01[1]				Public 2-year, tuition only (in-state)	
	Total	Tuition (in-state)	Total	Tuition (in-state)	Room	Board	Total	Tuition	Total	Tuition	Room	Board	1999–2000	2000–01[1]
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	**$8,275**	**$3,349**	**$8,655**	**$3,506**	**$2,651**	**$2,498**	**$20,706**	**$14,588**	**$21,907**	**$15,531**	**$3,387**	**$2,989**	**$1,338**	**$1,359**
Alabama	6,743	2,831	7,338	2,987	2,252	2,099	13,505	8,917	14,248	9,430	2,325	2,494	1,486	1,671
Alaska	8,346	2,852	8,386	2,936	2,923	2,526	13,855	8,661	14,378	9,104	2,128	3,145	2,028	2,088
Arizona	7,368	2,252	7,872	2,346	2,633	2,893	14,177	7,873	14,935	9,185	3,583	2,167	902	924
Arkansas	6,408	2,784	6,789	3,006	1,946	1,837	12,116	8,470	13,361	9,101	1,930	2,330	1,068	1,159
California	9,179	2,562	9,592	2,561	3,687	3,344	22,058	14,996	24,993	17,590	3,966	3,437	317	316
Colorado	7,992	2,776	8,360	2,980	2,523	2,858	19,933	13,254	23,599	15,962	3,828	3,808	1,553	1,655
Connecticut	10,087	4,381	10,512	4,543	3,271	2,698	27,195	19,772	27,818	20,151	4,229	3,437	1,895	1,867
Delaware	9,875	4,642	10,290	4,797	2,942	2,551	13,819	8,269	14,041	8,453	3,014	2,575	1,616	1,680
District of Columbia	(2)	2,070	(2)	2,070	(2)	(2)	25,909	18,447	27,143	19,310	4,929	2,903	(2)	(2)
Florida	7,483	2,242	7,944	2,365	2,964	2,614	18,215	12,352	19,800	13,723	3,171	2,906	1,333	1,438
Georgia	7,308	2,524	7,455	2,698	2,599	2,157	18,628	12,660	19,743	13,570	3,499	2,674	1,366	1,374
Hawaii	8,048	2,962	8,286	2,974	2,225	3,087	15,250	7,568	15,997	8,024	3,527	4,446	1,051	1,067
Idaho	6,312	2,453	6,763	2,627	1,841	2,295	16,931	12,893	17,783	13,661	2,070	2,053	1,253	1,316
Illinois	8,998	4,040	9,533	4,177	2,516	2,840	20,802	14,729	21,941	15,477	3,557	2,907	1,499	1,534
Indiana	8,851	3,647	9,232	3,785	2,435	3,012	20,778	15,643	21,390	16,080	2,682	2,628	2,125	2,125
Iowa	7,209	2,998	7,589	3,158	2,341	2,090	18,672	14,055	19,454	14,669	2,217	2,569	2,056	2,149
Kansas	6,312	2,435	6,650	2,637	1,931	2,082	14,917	10,632	15,627	11,179	1,938	2,510	1,308	1,379
Kentucky	6,480	2,723	6,921	2,898	2,013	2,010	13,897	9,614	14,727	10,266	2,175	2,286	1,321	1,376
Louisiana	5,946	2,445	6,304	2,773	1,710	1,821	20,556	14,516	22,154	15,784	3,367	3,003	912	929
Maine	9,089	4,120	9,361	4,259	2,501	2,601	26,839	20,798	22,689	16,433	3,069	3,187	2,592	2,599
Maryland	10,352	4,552	10,846	4,778	3,370	2,698	24,704	17,781	26,034	18,968	3,994	3,072	2,260	2,271
Massachusetts	9,248	4,133	9,206	4,003	2,814	2,389	27,845	20,088	28,669	20,586	4,447	3,637	1,927	1,891
Michigan	9,506	4,530	9,841	4,626	2,494	2,721	15,282	10,477	16,040	11,188	2,388	2,464	1,741	1,739
Minnesota	7,717	3,817	8,146	4,024	2,290	1,831	20,445	15,562	21,556	16,456	2,571	2,528	2,372	2,512
Mississippi	6,475	2,879	7,181	2,967	2,130	2,084	12,550	8,808	13,717	9,612	2,009	2,095	971	1,134
Missouri	8,180	3,700	8,201	3,878	2,503	1,821	16,976	11,897	17,852	12,603	2,696	2,554	1,441	1,482
Montana	7,460	3,010	7,607	3,076	2,089	2,442	13,245	8,790	14,298	9,489	1,982	2,827	1,955	2,007
Nebraska	7,275	2,932	7,335	3,097	2,038	2,200	15,639	11,305	16,381	11,881	2,243	2,257	1,369	1,425
Nevada	7,802	2,027	8,252	2,349	3,360	2,543	12,671	7,155	17,397	11,027	3,090	3,280	1,211	1,371
New Hampshire	11,044	6,078	11,717	6,455	3,218	2,044	23,278	16,643	24,525	17,604	3,864	3,057	3,744	3,935
New Jersey	11,458	5,261	11,998	5,607	3,778	2,612	22,952	15,938	23,860	16,773	3,783	3,304	2,155	2,295
New Mexico	6,608	2,340	·7,085	2,626	2,115	2,344	14,589	9,561	18,985	14,074	2,416	2,495	824	866
New York	10,018	3,998	10,254	4,062	3,461	2,730	24,028	16,564	25,171	17,434	4,419	3,318	2,554	2,557
North Carolina	6,480	2,052	7,080	2,299	2,378	2,403	18,614	13,494	20,169	14,277	2,656	3,236	778	891
North Dakota	7,008	2,993	6,405	2,938	1,327	2,140	10,952	7,681	11,392	8,021	1,469	1,903	1,891	1,903
Ohio	9,900	4,502	10,449	4,740	3,043	2,666	20,733	14,826	21,045	15,475	2,820	2,749	2,374	2,294
Oklahoma	5,747	2,187	6,000	2,257	1,598	2,144	14,357	9,832	15,397	10,667	2,196	2,534	1,239	1,250
Oregon	9,062	3,577	9,397	3,650	2,931	2,816	21,793	16,324	23,306	17,711	2,746	2,849	1,587	1,637
Pennsylvania	10,544	5,613	11,087	5,918	2,752	2,417	23,635	17,006	24,779	17,874	3,699	3,206	2,117	2,285
Rhode Island	10,608	4,328	11,104	4,512	3,482	3,110	25,083	17,655	26,157	18,415	3,925	3,816	1,746	1,806
South Carolina	7,709	3,637	9,065	4,684	2,242	2,138	16,358	11,938	17,583	12,788	2,451	2,344	1,343	1,466
South Dakota	6,513	3,206	6,979	3,486	1,439	2,054	15,008	10,685	15,398	11,250	1,930	2,218	2,752	2,861
Tennessee	6,569	2,699	7,661	2,950	2,133	2,578	17,006	12,133	18,139	12,921	2,750	2,468	1,315	1,441
Texas	7,512	2,648	7,634	2,803	2,507	2,324	16,043	11,247	16,973	11,944	2,552	2,477	890	931
Utah	6,291	2,139	6,623	2,244	1,879	2,501	7,917	3,550	8,576	3,730	2,378	2,468	1,497	1,563
Vermont	12,484	6,918	12,836	7,134	3,542	2,160	24,636	18,298	22,312	15,679	3,577	3,057	2,846	3,004
Virginia	8,618	3,730	8,744	3,723	2,664	2,357	17,927	12,758	18,700	13,299	2,678	2,723	1,139	1,132
Washington	8,303	3,355	8,917	3,604	2,624	2,690	20,141	14,765	21,510	15,882	2,888	2,740	1,649	1,745
West Virginia	7,100	2,548	7,287	2,548	2,304	2,435	17,002	12,242	18,338	13,066	2,351	2,921	1,592	1,667
Wisconsin	7,273	3,315	7,385	3,414	2,154	1,816	19,368	14,347	20,271	14,994	2,639	2,638	2,107	2,262
Wyoming	7,091	2,416	7,017	2,575	1,916	2,526	(2)	(2)	(2)	(2)	(2)	(2)	1,320	1,442

[1] Preliminary data based on fall 1999 enrollments.

[2] Not applicable.

NOTE: Data are for the entire academic year and are average charges. Tuition and fees were weighted by the number of full-time-equivalent undergraduates in 1999, but are not adjusted to reflect student residency. Room and board are based on full-time students. Data for 1999 imputed using alternative procedures. (See *Guide to Sources* for details.) Data revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" and "Institutional Characteristics" surveys. (This table was prepared August 2001.)

Table 318.—Average undergraduate tuition and fees and room and board rates in degree-granting institutions, by percentile distribution of students, type and control of institution: 1999–2000 and 2000–01

Type of student charge and percentile of student enrollment	Public institutions						Private institutions					
	Total		4-year		2-year		Total		4-year		2-year	
	1999–2000	2000–01	1999–2000	2000–01	1999–2000	2000–01	1999–2000	2000–01	1999–2000	2000–01	1999–2000	2000–01
1	2	3	4	5	6	7	8	9	10	11	12	13
Tuition, room, and board												
10th percentile	$5,261	$5,741	$6,088	$6,503	$3,150	$3,321	$12,811	$13,514	$13,144	$13,966	$6,198	$6,850
25th percentile	6,557	6,880	6,946	7,327	3,642	3,859	16,538	17,530	16,717	17,714	6,375	6,850
Median (50th percentile)	7,936	8,279	8,072	8,484	4,474	4,680	21,311	22,427	21,412	22,493	10,032	13,220
75th percentile	9,254	9,644	9,387	9,816	5,467	5,825	26,436	27,430	26,468	27,476	17,653	17,062
90th percentile	10,970	11,384	11,122	11,611	6,557	6,895	31,400	32,659	31,422	37,715	21,089	21,845
Tuition and required fees												
10th percentile	767	745	2,013	2,129	308	315	6,825	7,582	7,488	8,305	3,400	5,013
25th percentile	1,441	1,504	2,390	2,534	783	830	9,350	10,730	10,450	11,548	6,235	6,843
Median (50th percentile)	2,320	2,425	3,128	3,316	1,318	1,416	13,763	14,910	14,430	15,455	7,800	8,255
75th percentile	3,350	3,450	4,034	4,094	1,789	1,800	17,940	18,910	18,450	19,400	9,410	11,064
90th percentile	4,383	4,617	4,800	5,136	2,418	2,465	23,295	24,336	23,469	24,450	12,340	13,010

NOTE: Data are for the entire academic year and are average charges paid by students. Student charges were weighted by the number of full-time-equivalent undergraduates, but were not adjusted to reflect student residency. The data have not been adjusted for changes in the purchasing power of the dollar. Data for 2000–01 are preliminary figures based on fall 1999 enrollment. Data for 1999 enrollments imputed using alternative procedures. (See *Guide to Sources* for details.) Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" and "Institutional Characteristics" surveys. (This table was prepared August 2001.)

Table 319.—Average graduate and first-professional tuition and required fees in degree-granting institutions, by control of institution: 1987–88 to 1999–2000

Year	Average full-time graduate tuition	Average full-time first-professional tuition									
		Chiropractic	Dentistry	Medicine	Optometry	Osteopathic medicine	Pharmacy	Podiatry	Veterinary medicine	Law	Theology
1	2	3	4	5	6	7	8	9	10	11	12
All institutions											
1987–88	$3,599	$6,996	$9,399	$9,034	$7,926	$10,674	$5,201	$12,736	$4,503	$6,636	$3,572
1988–89	3,728	7,972	9,324	9,439	8,503	11,462	4,952	13,232	4,856	7,099	3,911
1989–90	4,135	8,315	10,515	10,597	9,469	11,888	5,890	14,611	5,470	8,059	4,079
1990–91	4,488	9,108	10,270	10,571	9,512	12,830	5,889	15,143	5,396	8,708	4,569
1991–92	5,116	10,226	12,049	11,646	9,610	13,004	6,731	16,257	6,367	9,469	4,876
1992–93	5,475	11,117	12,710	12,265	10,858	14,297	6,635	17,426	6,771	10,463	5,331
1993–94	5,973	11,503	14,403	13,074	10,385	15,038	7,960	17,621	7,159	11,552	5,253
1994–95	6,247	12,324	15,164	13,834	11,053	15,913	8,315	18,138	7,741	12,374	5,648
1995–96	6,741	12,507	15,647	14,860	11,544	16,785	8,602	18,434	8,208	13,278	5,991
1996–97	7,111	12,721	16,585	15,481	12,250	17,888	9,207	19,056	8,668	14,081	6,558
1997–98	7,246	13,131	17,393	16,075	12,685	18,654	9,544	19,355	9,013	14,877	6,761
1998–99[1]	7,685	13,708	18,549	17,011	13,592	19,523	10,164	19,606	9,347	15,599	6,917
1999–2000[2]	8,062	14,224	18,902	17,627	13,795	20,234	10,782	20,164	9,919	16,368	7,076
Public[3]											
1987–88	1,827	—	4,614	5,245	2,789	5,125	2,462	—	3,523	2,810	—
1988–89	1,913	—	5,286	5,669	3,455	6,269	2,218	—	3,889	2,766	—
1989–90	1,999	—	5,728	6,259	3,569	6,521	2,816	—	4,505	3,196	—
1990–91	2,206	—	5,927	6,437	3,821	7,188	2,697	—	4,840	3,430	—
1991–92	2,524	—	6,595	7,106	4,161	7,699	2,871	—	5,231	3,933	—
1992–93	2,791	—	7,006	7,867	5,106	8,404	2,987	—	5,553	4,261	—
1993–94	3,050	—	7,525	8,321	5,325	8,640	3,567	—	6,107	4,835	—
1994–95	3,250	—	8,125	8,812	5,643	8,954	3,793	—	6,571	5,307	—
1995–96	3,449	—	8,806	9,585	6,130	9,448	4,100	—	6,907	5,821	—
1996–97	3,607	—	9,434	10,057	6,561	9,932	4,884	—	7,343	6,565	—
1997–98	3,744	—	9,657	10,501	7,366	10,358	5,065	19,541	7,742	7,004	—
1998–99[1]	3,897	—	10,213	11,139	7,633	10,718	5,537	19,818	8,040	7,422	—
1999–2000[2]	4,056	—	10,514	11,574	7,756	11,107	5,855	19,578	8,601	7,740	—
Private											
1987–88	6,769	6,996	16,201	14,945	11,635	13,311	8,834	12,736	12,544	9,048	3,572
1988–89	6,945	7,972	16,127	15,610	12,050	13,536	9,692	13,232	13,285	9,892	3,911
1989–90	7,881	8,315	16,800	16,826	13,640	14,117	10,656	14,611	14,184	10,901	4,079
1990–91	8,507	9,108	18,270	17,899	13,767	15,009	11,546	15,143	14,159	12,247	4,569
1991–92	9,592	10,226	20,318	19,225	14,366	16,098	12,937	16,257	15,816	12,946	4,876
1992–93	10,008	11,117	21,309	19,585	14,459	17,098	13,373	17,426	17,103	13,975	5,331
1993–94	10,790	11,503	23,824	20,769	14,156	17,720	14,838	17,621	17,433	15,193	5,253
1994–95	11,338	12,324	24,641	21,819	14,497	18,422	14,894	18,138	17,940	16,201	5,648
1995–96	12,083	12,507	25,678	23,001	15,235	19,619	15,618	18,434	19,380	17,251	5,991
1996–97	12,537	12,721	26,618	24,242	15,949	20,714	15,934	19,056	19,526	18,276	6,558
1997–98	12,774	13,151	29,923	25,189	16,415	21,710	16,307	19,316	20,299	19,171	6,761
1998–99[1]	13,299	13,708	31,703	26,361	17,935	22,767	17,123	19,562	20,946	20,087	6,917
1999–2000[2]	13,955	14,224	32,487	27,544	18,028	23,596	18,190	20,286	21,618	21,060	7,076

—Not available.

[1] Preliminary first-professional figures based on 1997–98 graduates.

[2] Preliminary graduate figures based on fall 1998 data and first-professional figures based on 1997–98 graduates.

[3] Data are based on in-state tuition only.

NOTE: Average graduate student tuition weighted by fall full-time-equivalent graduate enrollment. Average first-professional tuition weighted by number of degrees conferred during the academic year. Some year-to-year fluctuations in tuition data may reflect nonreporting by individual institutions. Excludes institutions not reporting degrees conferred and institutions not reporting tuition. Data for 1987–88 to 1997–98 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics," "Fall Enrollment," and "Degrees Conferred" surveys. (This table was prepared September 2000.)

Table 320.—Percent of undergraduates receiving financial aid, by type and source of aid and selected student characteristics: 1995–96

Selected student characteristics	Enrollment of undergraduates,[1] in thousands	Any aid			Grants			Loans			Work study	Other		
		Total[2]	Federal	Nonfederal	Total	Federal	Nonfederal	Total	Federal	Nonfederal	Total[3]	Total	Federal	Nonfederal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Percent of all undergraduates receiving aid												
All undergraduates	**16,677**	**49.7**	**36.6**	**32.0**	**39.0**	**21.9**	**27.6**	**25.6**	**25.3**	**1.1**	**5.0**	**7.4**	**2.4**	**4.8**
Sex														
Men	7,197	46.7	33.1	31.4	35.8	18.2	26.4	24.4	23.9	1.3	4.3	8.7	2.7	5.8
Women	9,481	51.9	39.2	32.5	41.4	24.8	28.5	26.5	26.2	0.9	5.6	6.5	2.2	4.2
Race/ethnicity														
White, non-Hispanic	11,681	47.1	33.2	31.1	35.4	16.6	26.9	25.6	25.2	1.0	4.6	7.5	2.5	4.8
Black, non-Hispanic	2,030	62.9	50.0	38.3	52.8	38.1	31.7	30.9	30.4	1.3	6.1	9.8	2.6	7.0
Hispanic	1,723	54.2	44.6	30.6	47.3	36.1	27.2	22.3	22.0	0.9	5.8	5.2	1.5	3.6
Asian American/ Pacific Islander	967	42.9	33.1	30.8	35.7	22.9	27.5	21.3	20.7	1.3	6.6	5.7	2.2	3.5
American Indian/ Alaskan Native	163	59.4	47.8	37.1	48.4	37.3	27.3	25.2	25.2	0.2	3.9	12.0	1.5	7.7
Age														
23 years old or younger	9,116	53.5	42.1	34.0	41.7	22.7	30.9	31.1	30.7	1.2	7.7	7.7	4.4	3.4
24 to 29 years old	3,049	49.0	37.8	29.2	38.5	25.5	23.3	25.8	25.5	1.0	2.5	7.1	0.0	6.9
30 years old or over	4,513	42.5	24.8	29.9	33.9	18.0	23.8	14.5	14.1	0.8	1.4	7.1	0.0	6.4
Marital status														
Married	3,494	45.2	27.6	30.5	35.4	18.7	24.2	16.8	16.5	0.7	1.4	7.3	0.0	6.8
Not married[4]	12,861	50.4	38.4	32.2	39.4	22.0	28.5	27.9	27.5	1.2	6.1	7.3	3.1	4.1
Separated	322	70.9	61.6	38.7	62.0	54.3	29.1	30.0	30.0	0.8	3.3	13.4	0.1	12.5
Attendance status														
Full-time, full-year	6,306	68.4	55.6	45.7	54.1	30.6	41.0	43.7	43.2	1.7	11.0	10.9	5.0	5.9
Part-time and part-year	10,372	38.3	24.8	24.0	29.9	16.6	19.7	14.4	14.1	0.7	1.4	5.4	0.8	4.3
Dependency status and family income														
Dependent	8,201	50.9	39.2	33.4	38.8	18.9	30.7	30.5	30.1	1.3	7.8	7.7	4.9	3.0
Less than $20,000	1,543	70.2	62.9	43.0	66.3	57.0	40.4	35.4	35.2	1.1	10.9	6.5	3.0	3.6
$20,000–$39,999	1,873	60.3	49.2	40.5	51.0	31.7	38.1	38.2	37.4	2.0	10.4	7.5	4.4	3.2
$40,000–$59,999	1,865	47.4	34.6	31.8	30.4	3.7	29.2	32.4	32.2	1.1	7.8	9.0	6.3	2.9
$60,000–$79,999	1,366	42.5	28.4	28.1	25.3	0.5	25.3	27.0	26.6	1.1	5.8	8.1	5.6	2.6
$80,000–$99,999	681	37.6	24.4	24.4	50.4	0.2	20.3	23.3	23.1	0.6	4.9	9.0	6.0	3.2
$100,000 or more	873	27.5	13.9	19.7	17.3	0.3	17.1	12.6	12.2	1.0	2.7	6.0	4.1	1.9
Independent	8,476	48.5	34.1	30.7	39.2	24.8	24.6	20.9	20.5	0.9	2.3	7.1	0.0	6.7
Less than $9,999	2,470	67.4	59.0	37.5	60.5	52.3	30.8	34.0	33.7	1.1	5.7	8.4	0.0	8.2
$10,000–$19,999	1,923	50.6	38.6	29.8	38.4	24.4	23.2	23.7	23.1	1.3	1.6	7.7	0.0	7.2
$20,000–$29,999	1,382	41.9	26.0	28.3	34.0	18.3	22.9	15.7	15.4	0.9	0.9	6.3	0.0	5.9
$30,000–$49,999	1,502	36.3	16.4	27.3	24.7	6.0	21.0	12.3	12.1	0.4	0.6	6.9	0.0	6.2
$50,000 or more	1,201	29.3	7.0	25.1	20.7	0.1	20.7	5.9	5.8	0.2	0.1	4.9	0.0	4.3
Housing status														
School-owned	2,292	73.6	60.0	54.6	59.5	26.6	51.6	53.1	52.5	2.4	18.9	13.7	9.3	4.7
Off-campus, not with parents	10,188	46.1	32.5	29.0	35.5	20.6	23.8	22.2	21.8	0.9	2.8	7.0	1.1	5.5
With parents	4,197	45.3	33.7	26.9	36.4	22.6	23.8	19.0	18.7	0.7	2.9	5.1	1.6	3.3

[1] Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes all postsecondary institutions.

[2] Includes students who reported they were awarded aid, but did not specify the source or type of aid.

[3] Details on federal and nonfederal work study participants are not available.

[4] Includes students who were single, divorced, or widowed.

NOTE: Row may not sum to totals due to rounding and/or the fact that some students receive aid from multiple sources. Because of rounding and survey item nonresponse, enrollment data may not add to totals. Data include undergraduates in degree-granting and non-degree-granting institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Postsecondary Student Aid Study, 1995–96. (This table was prepared September 1997.)

Table 321.—Average amount of financial aid awarded in 1995–96 per student, by type and source of aid and selected student characteristics

Selected student characteristics	Enrollment of undergraduates,[1] in thousands	Any aid			Grants			Loans			Work study	Other		
		Total[2]	Federal	Nonfederal	Total	Federal	Nonfederal	Total	Federal	Nonfederal	Total[3]	Total	Federal	Nonfederal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Average 1995–96 award for full-time, full-year undergraduates enrolled in fall 1995 (Award averages are computed for students participating in the designated program.)												
All full-time, full-year undergraduates	**6,306**	**$6,832**	**$5,362**	**$3,883**	**$3,864**	**$2,001**	**$3,599**	**$4,345**	**$4,288**	**$2,747**	**$1,371**	**$4,904**	**$6,334**	**$3,463**
Sex														
Men	2,843	6,847	5,553	3,952	3,759	1,961	3,532	4,396	4,339	2,729	1,350	4,983	6,261	3,788
Women	3,462	6,821	5,225	3,831	3,939	2,027	3,648	4,308	4,251	2,762	1,384	4,818	6,400	3,053
Race/ethnicity														
White, non-Hispanic	4,500	6,836	5,549	3,848	3,762	1,894	3,541	4,437	4,366	2,912	1,367	5,070	6,426	3,550
Black, non-Hispanic	674	6,945	5,262	3,739	3,904	2,122	3,533	4,070	4,046	2,197	1,370	4,147	5,717	3,000
Hispanic	588	5,999	4,644	3,328	3,486	2,113	3,017	4,168	4,137	2,235	1,152	4,527	6,047	3,475
Asian American/ Pacific Islander	423	8,099	5,106	5,200	5,477	2,164	5,028	4,073	4,053	2,414	1,618	5,364	6,625	4,050
American Indian/ Alaskan Native	59	6,591	5,046	3,792	3,961	2,301	3,658	4,278	4,244	—	—	—	—	—
Age														
23 years old or younger	4,989	6,903	5,172	4,154	4,172	1,997	3,924	4,003	3,927	3,036	1,346	5,362	6,334	3,543
24 to 29 years old	686	6,909	6,165	2,814	2,829	1,992	2,087	5,471	5,471	1,668	1,569	3,552	—	3,364
30 years old or over	631	6,255	5,628	2,941	2,887	2,033	2,247	5,391	5,389	1,611	1,516	3,633	—	3,380
Marital status														
Married	600	6,143	5,587	2,926	2,744	1,914	2,225	5,296	5,284	2,826	1,576	3,729	—	3,318
Not married[4]	5,626	6,944	5,342	4,008	4,022	2,013	3,748	4,230	4,168	2,749	1,360	5,116	6,334	3,540
Separated	80	5,378	4,877	2,473	2,650	2,061	1,850	4,532	4,519	—	—	2,675	—	2,703
Dependency status and family income														
Dependent	4,659	6,938	5,137	4,253	4,279	1,969	4,027	3,900	3,820	3,015	1,348	5,475	6,334	3,590
Less than $20,000	808	7,198	4,921	4,063	4,682	2,329	3,896	3,778	3,737	1,844	1,317	3,616	4,534	2,858
$20,000–$39,999	1,042	7,258	4,930	4,388	4,296	1,619	4,208	3,975	3,924	2,441	1,360	4,212	5,207	2,608
$40,000–$59,999	1,043	6,913	5,090	4,436	4,176	1,147	4,180	3,908	3,819	3,044	1,387	5,277	5,643	3,807
$60,000–$79,999	798	6,455	5,338	4,236	3,992	1,370	3,972	3,904	3,815	3,340	1,278	6,337	6,779	4,766
$80,000–$99,999	399	6,758	6,008	4,207	3,839	—	3,843	3,793	3,731	—	1,288	7,756	7,936	6,671
$100,000 or more	568	6,051	6,319	3,816	3,481	—	3,465	4,082	3,707	6,051	1,523	7,990	9,705	3,668
Independent	1,647	6,587	5,822	2,872	2,939	2,043	2,234	5,368	5,362	1,936	1,474	3,606	—	3,355
Less than $9,999	754	7,051	5,920	2,800	3,151	2,111	2,256	5,251	5,263	1,573	1,473	3,448	—	3,248
$10,000–$19,999	377	6,310	5,695	2,653	2,756	2,115	2,060	5,526	5,516	1,678	1,708	3,174	—	3,061
$20,000–$29,999	213	6,065	5,789	2,812	2,386	1,805	1,790	5,245	5,254	—	—	4,544	—	4,254
$30,000–$49,999	187	6,420	5,857	3,770	2,687	1,147	2,951	5,949	5,856	—	—	4,247	—	3,797
$50,000 or more	117	4,597	5,095	3,186	2,647	—	2,647	4,984	4,933	—	—	3,087	—	2,387
Housing status														
School-owned	1,802	8,907	5,931	5,370	5,409	2,118	5,039	3,996	3,887	3,235	1,408	5,929	6,728	3,772
Off-campus, not with parents	2,731	6,466	5,630	3,178	3,192	1,975	2,777	4,889	4,861	2,458	1,390	4,294	6,035	3,412
With parents	1,772	4,629	3,980	2,613	2,856	1,935	2,405	3,693	3,672	2,105	1,163	4,014	5,166	3,197
		Average 1995–96 award for other undergraduates enrolled in fall 1995 (Award averages are computed for students participating in the designated program.)												
All other undergraduates	**10,372**	**$2,859**	**$3,276**	**$1,327**	**$1,452**	**$1,296**	**$1,119**	**$3,583**	**$3,588**	**$1,411**	**$1,524**	**$2,187**	**$4,327**	**$1,726**
Sex														
Men	4,353	2,999	3,570	1,525	1,442	1,274	1,195	3,625	3,647	1,285	1,564	2,521	4,009	2,136
Women	6,019	2,772	3,115	1,188	1,458	1,306	1,069	3,556	3,551	1,592	1,502	1,875	4,674	1,355
Race/ethnicity														
White, non-Hispanic	7,181	2,869	3,436	1,347	1,378	1,238	1,132	3,620	3,629	1,362	1,537	2,175	4,488	1,695
Black, non-Hispanic	1,356	2,889	3,166	1,320	1,524	1,315	1,119	3,491	3,500	1,259	1,570	2,081	3,879	1,817
Hispanic	1,135	2,526	2,740	985	1,431	1,352	829	3,434	3,437	1,646	1,372	2,040	3,325	1,735
Asian American/ Pacific Islander	544	3,563	3,592	1,817	2,038	1,526	1,549	3,842	3,777	—	1,612	3,356	5,212	2,150
American Indian/ Alaskan Native	105	2,552	2,459	1,296	1,772	1,553	1,166	2,938	2,938	—	—	—	—	—
Age														
23 years old or younger	4,127	3,159	3,118	1,556	1,683	1,316	1,403	3,097	3,069	1,973	1,442	2,828	4,336	1,742
24 to 29 years old	2,363	3,062	3,612	1,265	1,308	1,254	944	4,053	4,067	1,071	1,564	2,098	—	1,985
30 years old or over	3,882	2,395	3,233	1,181	1,308	1,302	977	4,023	4,097	1,086	1,763	1,669	—	1,562
Marital status														
Married	2,894	2,365	3,201	1,208	1,259	1,245	987	3,979	3,984	1,155	1,994	1,721	—	1,650
Not married[4]	7,236	3,047	3,318	1,381	1,530	1,312	1,199	3,483	3,490	1,501	1,498	2,406	4,336	1,695
Separated	242	3,123	3,021	1,430	1,515	1,301	768	3,517	3,481	—	—	2,411	—	2,514
Dependency status and family income														
Dependent	3,542	3,278	3,241	1,675	1,766	1,320	1,555	2,978	2,941	2,029	1,415	3,053	4,336	1,595
Less than $20,000	736	3,260	2,892	1,567	1,967	1,480	1,504	2,879	2,847	—	1,451	2,250	3,059	1,322
$20,000–$39,999	820	3,163	3,149	1,478	1,510	1,042	1,367	2,923	2,934	—	1,296	2,807	3,766	1,659
$40,000–$59,999	822	3,347	3,467	1,788	1,658	608	1,692	2,886	2,843	—	1,407	3,333	4,447	1,571
$60,000–$79,999	568	3,590	3,962	2,110	1,797	—	1,775	3,363	3,251	—	1,533	3,634	5,190	—
$80,000–$99,999	283	3,012	3,787	1,697	1,865	—	1,865	3,139	3,118	—	—	2,602	—	—
$100,000 or more	305	3,315	4,881	1,849	1,674	—	1,674	3,244	3,053	—	—	4,390	—	—
Independent	6,829	2,686	3,294	1,208	1,337	1,287	958	3,962	3,996	1,093	1,648	1,841	—	1,752
Less than $9,999	1,716	3,239	3,251	1,229	1,590	1,362	950	3,812	3,821	1,110	1,579	1,916	—	1,861
$10,000–$19,999	1,546	2,870	3,325	1,200	1,326	1,366	836	3,970	4,059	883	1,735	1,941	—	1,936

Table 321.—Average amount of financial aid awarded in 1995–96 per student, by type and source of aid and selected student characteristics—Continued

Selected student characteristics	Enrollment of undergraduates,[1] in thousands	Any aid			Grants			Loans			Work study	Other		
		Total[2]	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Non-federal	Total[3]	Total	Federal	Non-federal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
$20,000–$29,999	1,169	2,357	3,144	1,101	1,042	1,008	802	4,151	4,209	823	—	2,106	—	1,969
$30,000–$49,999	1,315	2,091	3,496	1,224	1,020	737	1,007	4,162	4,139	—	—	1,740	—	1,511
$50,000 or more	1,083	1,705	3,814	1,273	1,263	—	1,262	4,350	4,392	—	—	1,250	—	1,135
Housing status														
School-owned	490	2,782	3,362	1,267	1,371	1,273	1,045	3,815	3,828	1,461	1,669	1,960	4,356	1,696
Off-campus, not with parents	7,156	4,827	4,218	2,513	2,481	1,460	2,305	3,303	3,284	1,583	1,208	4,071	4,961	2,474
With parents	2,425	2,497	2,713	1,160	1,406	1,316	960	2,994	2,991	1,163	1,467	2,373	3,690	1,722

—Not available.

[1] Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey of students who enrolled at any time during the academic year. Includes all postsecondary institutions.

[2] Includes students who reported they were awarded aid, but did not specify the source or type of aid.

[3] Details on federal and nonfederal work study participants are not available.

[4] Includes students who were single, divorced, or widowed.

NOTE: Row may not sum to totals due to rounding and/or the fact that some students receive aid from multiple sources. Because of rounding and survey item nonresponse, enrollment data may not add to totals. Data include undergraduates in degree-granting and non-degree-granting institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Postsecondary Student Aid Study, 1995–96. (This table was prepared September 1997.)

Table 322.—Undergraduates enrolled full time and part time, by aid status and source of aid during 1995–96, and control and level of institution

Control and level of institution	Number of undergraduates, 1995,[1] in thousands	Cumulative amount borrowed for undergraduate education	Aid status, 1995–96, in percents					
			Nonaided	Receiving aid, by source				
				Any aid[2]	Federal	State	Institutional	Other[2]
1	2	3	4	5	6	7	8	9
	Full-time students[3]							
All institutions	**6,306**	**$7,747**	**31.6**	**68.4**	**55.6**	**19.8**	**27.7**	**10.9**
Public	4,413	7,082	37.2	62.8	50.8	17.4	18.8	9.3
4-year doctoral	1,859	8,699	34.7	65.4	51.9	17.6	22.9	11.0
Other 4-year	1,070	7,168	30.7	69.3	59.8	22.8	19.1	8.6
2-year	1,397	4,120	44.1	55.9	44.5	13.5	13.9	7.4
Less than 2–year	88	3,111	60.5	39.5	20.6	9.6	7.2	12.6
Private, not-for-profit	1,555	9,460	19.7	80.3	64.0	28.1	56.3	14.0
4-year doctoral	508	10,415	29.4	70.6	55.4	19.5	52.3	13.3
Other 4-year	958	9,243	14.4	85.6	68.3	33.1	60.5	14.6
2-year or less	89	6,867	20.8	79.2	67.5	24.0	33.9	11.4
Private, for-profit	337	6,942	13.8	86.2	79.7	12.8	11.5	17.2
2-year and above	167	9,026	14.3	85.8	79.1	18.1	5.9	15.3
Less than 2-year	170	4,745	13.4	86.6	80.3	7.6	17.0	19.1
	Part-time students[3]							
All institutions	**10,157**	**$5,672**	**61.6**	**38.3**	**24.8**	**6.5**	**8.9**	**5.4**
Public	8,519	5,265	66.3	33.7	20.8	5.5	7.4	4.7
4-year doctoral	1,211	8,210	41.8	41.8	31.2	7.5	10.1	5.8
Other 4-year	1,030	6,581	41.9	41.9	30.9	8.1	6.1	4.8
2-year	6,174	3,833	30.7	30.7	17.2	4.5	7.1	4.4
Less than 2-year	105	3,274	34.3	34.3	13.9	13.9	4.4	8.6
Private, not-for-profit	1,070	8,302	44.4	55.6	34.9	12.8	21.2	8.6
4-year doctoral	280	9,474	51.0	51.0	27.7	10.2	22.5	8.4
Other 4-year	668	8,305	58.4	58.4	37.0	14.6	22.0	8.9
2-year or less	123	5,529	50.8	50.8	39.7	9.0	14.5	7.8
Private, for-profit	567	5,194	25.9	74.1	66.4	9.5	8.9	10.4
2-year and above	269	6,395	74.5	74.5	66.9	11.2	6.7	12.2
Less than 2-year	298	4,055	73.8	73.8	66.1	7.9	10.9	8.7

[1] Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes students who enrolled at any time during the academic year.

[2] Includes students who reported that they were awarded aid but did not specify ,the source of the aid.

[3] Full-time students are students who attend full-time for the entire academic year. All other students, including those who attend full-time for part of the academic year, are counted as part-time students.

NOTE: Because some students receive aid from multiple sources, percents do not add to totals. Excludes students whose attendance status was not reported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Postsecondary Student Aid Study, 1995–96. (This table was prepared September 1997.)

Table 323.—Percent of undergraduates receiving aid, by type and source of aid received, and by control and level of institution: 1992–93 and 1995–96

Control and level of institution	Number of undergraduates,[1] in thousands	Percent receiving aid, by type and source													
		Any aid			Grants			Loans			Work-study		Other		
		Total[2]	Federal	Nonfederal	Total	Federal	Nonfederal	Total	Federal	Nonfederal	Total	Federal[3]	Total	Federal	Nonfederal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Full-time students,[4] 1992–93														
All institutions	**6,000**	**57.9**	**45.6**	**37.9**	**48.1**	**29.4**	**34.0**	**33.6**	**32.7**	**2.7**	**10.2**	**6.8**	**9.5**	**5.2**	**4.6**
Public	4,110	51.9	40.0	33.0	42.3	27.8	29.1	26.9	26.1	2.0	6.8	4.2	7.9	3.7	4.4
4-year doctoral	1,772	53.7	39.3	34.8	41.9	23.8	30.8	33.0	32.2	2.4	7.1	4.3	8.6	5.0	3.9
Other 4-year	1,087	56.4	46.1	37.4	45.5	32.1	32.4	33.7	32.7	2.8	9.5	5.5	7.9	4.2	3.8
2-year	1,196	45.9	36.0	27.0	40.6	29.9	24.3	12.7	12.3	0.7	4.1	3.0	7.0	1.3	5.7
Less than 2-year	55	35.0	31.6	15.7	29.9	26.6	12.8	3.0	3.0	0.6	1.5	1.4	5.1	0.8	4.4
Private, not-for-profit	1,469	69.5	53.4	58.0	62.1	27.7	54.1	46.5	44.9	4.9	22.2	15.9	12.1	7.7	5.0
4-year doctoral	681	62.7	44.5	54.8	55.2	17.3	51.8	41.6	39.7	6.1	18.9	13.2	11.6	7.4	4.5
Other 4-year	719	75.5	60.8	62.7	68.7	35.6	58.1	51.7	50.3	4.1	27.0	19.7	12.2	7.9	5.3
2-year or less	70	73.9	63.9	42.0	61.3	47.3	35.4	41.1	39.5	2.5	4.6	3.0	17.2	9.4	7.8
Private, for-profit	421	76.1	72.4	16.4	55.3	50.9	11.4	54.1	53.8	2.1	1.9	0.7	15.6	11.3	4.5
2-year and above	182	80.6	77.4	22.7	49.5	43.4	16.4	65.2	65.2	3.0	3.5	1.4	24.6	18.8	6.5
Less than 2-year	238	72.7	68.6	11.5	59.7	56.7	7.5	45.6	45.1	1.5	0.7	0.2	8.7	5.6	3.1
	Full-time students,[4] 1995–96														
All institutions	**6,306**	**68.4**	**55.6**	**45.7**	**54.1**	**30.6**	**41.0**	**43.7**	**43.2**	**1.7**	**11.0**	**9.0**	**10.9**	**5.0**	**5.9**
Public	4,413	62.8	50.8	39.0	47.5	29.6	34.2	37.2	36.9	0.8	7.0	5.4	9.3	3.7	5.5
4-year doctoral	1,859	65.4	51.9	42.2	47.6	26.1	37.2	44.5	44.1	1.4	7.4	5.3	11.0	5.6	5.4
Other 4-year	1,070	69.3	59.8	44.5	52.3	34.4	40.0	47.4	47.2	0.4	9.2	6.7	8.6	3.7	4.8
2-year	1,397	55.9	44.5	31.3	44.6	31.1	26.9	21.8	21.3	0.4	5.1	4.7	7.4	1.3	6.0
Less than 2-year	88	39.5	20.6	27.5	30.9	18.5	16.0	4.4	4.4	0.0	0.1	0.1	12.6	0.1	12.0
Private, not-for-private	1,555	80.3	64.0	67.6	71.3	28.6	64.8	56.9	56.2	3.4	24.6	21.0	14.0	8.2	6.1
4-year doctoral	508	70.6	55.4	61.2	61.6	19.3	58.7	50.9	49.9	3.9	22.6	20.2	13.3	8.6	4.9
Other 4-year	958	85.6	68.3	72.5	77.3	32.5	70.1	60.4	60.0	2.6	27.6	23.0	14.6	8.2	6.7
2-year or less	89	79.2	67.5	52.0	61.9	40.0	42.0	52.9	51.7	9.3	5.3	4.6	11.4	5.0	6.3
Private, for-profit	337	86.2	79.7	32.7	61.3	53.9	20.2	67.7	65.5	5.1	0.5	0.5	17.2	7.6	8.9
2-year and above	167	85.8	80.3	33.0	60.0	49.1	26.0	70.9	70.9	1.4	0.7	0.7	15.3	7.8	6.9
Less than 2-year	170	86.6	79.1	32.5	62.5	58.6	14.5	64.6	60.3	8.7	0.3	0.2	19.1	7.4	10.9
	Part-time students,[4] 1995–96														
All institutions	**10,157**	**38.3**	**24.8**	**24.0**	**29.9**	**16.6**	**19.7**	**14.4**	**14.1**	**0.7**	**1.4**	**1.1**	**5.4**	**0.8**	**4.3**
Public	8,519	33.7	20.8	21.7	26.5	14.4	17.9	10.5	10.3	0.3	1.2	0.9	4.7	0.4	3.9
4-year doctoral	1,211	41.8	31.2	23.7	28.9	16.9	19.0	25.9	25.6	0.7	2.4	1.4	5.8	1.7	3.9
Other 4-year	1,030	41.9	30.9	22.8	30.2	18.2	19.3	22.3	22.1	0.4	2.3	2.0	4.8	0.8	3.7
2-year	6,174	30.7	17.2	21.1	25.4	13.4	17.5	5.7	5.5	0.3	0.8	0.7	4.4	0.2	3.9
Less than 2-year	105	34.3	13.9	26.0	27.8	12.3	17.4	2.2	2.2	0.0	0.0	0.0	8.6	0.0	8.3
Private, not-for-profit	1,070	55.6	34.9	41.5	44.1	17.9	36.1	26.4	26.1	1.3	4.0	3.1	8.6	2.0	6.6
4-year doctoral	280	51.0	27.7	39.7	39.3	12.0	34.3	24.4	23.6	1.4	4.6	3.7	8.4	2.1	5.9
Other 4-year	668	58.4	37.0	44.6	47.5	19.1	39.7	27.3	27.2	0.8	4.5	3.3	8.9	1.7	7.1
2-year or less	123	50.8	39.7	28.3	36.8	24.6	20.5	26.2	25.9	4.3	0.4	0.3	7.8	2.9	5.1
Private, for-profit	567	74.1	66.4	24.3	53.4	46.4	15.3	50.3	49.3	4.6	0.4	0.4	10.4	4.2	5.7
2-year and above	269	74.5	66.9	25.5	53.4	44.8	17.9	50.2	49.8	1.7	0.8	0.7	12.2	4.9	6.9
Less than 2-year	298	73.8	66.1	23.2	53.5	47.9	13.0	50.5	48.8	7.2	0.1	0.1	8.7	3.5	4.7

[1] Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes students who enrolled at any time during the academic year.

[2] Includes students who reported they were awarded aid but did not specify the source of aid.

[3] Details on nonfederal work study participants are not available.

[4] Full-time students are students who attend full-time for the entire academic year. All other students, including those who attend full-time for part of the academic year, are counted as part-time students.

NOTE: Excludes students whose attendance status was not reported. Because some students receive multiple types and sources of aid and rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Postsecondary Student Aid Study, 1992–93 and 1995–96. (This table was prepared September 1997.)

Table 324.—Undergraduates enrolled full time and part time, by federal aid program and by control and level of institution: 1995–96

Control and level of institution	Number of undergraduates, 1995,[1] in thousands	Percent receiving federal aid in 1995–96, by type							
		Any federal aid	Selected Title IV programs[2]						
			Any Title IV aid	Pell	SEOG[3]	CWS[4]	Perkins[5]	Stafford[6]	PLUS[7]
1	2	3	4	5	6	7	8	9	10
	Full-time students[8]								
All institutions	**6,306**	**55.6**	**54.7**	**30.1**	**9.1**	**9.0**	**7.6**	**42.2**	**5.0**
Public	4,413	50.8	49.9	29.2	7.2	5.4	5.4	36.0	3.7
4-year doctoral	1,859	51.9	50.9	25.5	6.9	5.3	8.5	43.2	5.6
Other 4-year	1,070	59.8	59.1	34.0	8.4	6.7	6.0	45.8	3.7
2-year	1,397	44.5	43.3	31.1	7.3	4.7	1.4	20.7	1.3
Less than 2-year	88	20.6	20.2	18.5	0.3	0.1	([9])	4.4	0.1
Private, not-for-profit	1,555	64.0	63.2	27.4	13.0	21.0	14.4	55.1	8.2
4-year doctoral	508	55.4	54.5	17.8	9.7	20.2	17.0	48.9	8.6
Other 4-year	958	68.3	67.6	31.4	15.2	23.0	14.3	58.8	8.2
2-year or less	89	67.5	66.8	39.5	8.3	4.6	1.4	51.2	5.0
Private, for-profit	337	79.7	79.4	53.6	16.1	0.5	4.9	64.6	7.6
2-year and above	167	80.3	80.0	48.8	16.1	0.7	8.0	70.5	7.8
Less than 2-year	170	79.1	78.8	58.3	16.1	0.2	1.8	58.8	7.4
	Part-time students[8]								
All institutions	**10,157**	**24.8**	**23.8**	**16.4**	**3.3**	**1.1**	**1.4**	**13.8**	**0.8**
Public	8,519	20.8	19.7	14.4	2.5	0.9	1.0	10.0	0.4
4-year doctoral	1,211	31.2	30.4	16.7	3.3	1.4	3.5	25.1	1.7
Other 4-year	1,030	30.9	30.0	18.1	3.4	2.0	2.2	21.5	0.8
2-year	6,174	17.2	16.0	13.3	2.3	0.7	0.3	5.3	0.1
Less than 2-year	105	13.9	13.0	12.3	([9])	([9])	([9])	2.2	([9])
Private, not-for-profit	1,070	34.9	33.5	17.1	4.7	3.1	3.4	25.3	2.0
4-year doctoral	280	27.7	27.5	11.6	3.9	3.7	5.2	23.2	2.1
Other 4-year	668	37.0	34.9	18.2	5.3	3.3	3.3	26.2	1.7
2-year or less	123	39.7	39.4	24.2	3.1	0.3	0.1	25.8	2.9
Private, for-profit	567	66.4	66.2	46.1	11.3	0.4	3.1	48.4	4.2
2-year and above	269	66.9	66.3	44.7	11.9	0.7	5.1	49.2	4.9
Less than 2-year	298	66.1	66.1	47.4	10.7	0.1	1.4	47.6	3.5

[1] Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes students who enrolled at any time during the academic year.

[2] Title IV of the Higher Education Act.

[3] Supplemental Educational Opportunity Grants.

[4] College Work Study (CWS). Prior to October 17, 1986, private, proprietary institutions were prohibited by law from spending CWS funds for on-campus work. Includes persons who participated in the program, but had no earnings.

[5] Formerly National Direct Student Loans (NDSL).

[6] Formerly Guaranteed Student Loans (GSL).

[7] Parent Loans for Undergraduate Students.

[8] Full-time students are students who attend full-time for the entire academic year. All other students, including those who attend full-time for part of the academic year, are counted as part-time students.

[9] Less than .05 percent.

NOTE: Excludes students whose attendance status was not reported. Because some students receive aid from multiple sources and rounding, percents do not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Postsecondary Student Aid Study, 1995–96. (This table was prepared October 1997.)

Table 325.—Postbaccalaureate students enrolled full time and part time, by aid status, source of aid, and by level of study and control and level of institution: 1992–93 and 1995–96

Level of degree, control and type of institution	Postbaccalaureate students,[1] in thousands	Cumulative amount borrowed for postbaccalaureate education	Aid status in percents						
			Nonaided	Receiving aid, by source					
				Any aid[2]	Federal	State	Institutional	Employer	Other[3]
1	2	3	4	5	6	7	8	9	10
	Full-time students,[4] 1992–93								
All institutions	**673**	**$18,572**	**31.9**	**68.1**	**44.4**	**7.0**	**40.6**	**5.3**	**14.6**
Master's degree	281	11,109	37.5	62.5	33.8	5.8	42.4	8.3	12.0
Public	163	9,335	34.6	65.4	33.9	7.8	44.0	7.6	9.7
4-year doctoral	139	9,597	34.3	65.7	32.4	6.7	46.3	7.7	10.1
Other 4-year	24	7,970	36.1	63.9	42.5	14.4	30.4	6.8	7.5
Private	118	13,628	41.6	58.4	33.7	3.2	40.2	9.4	15.2
4-year doctoral	102	13,879	39.3	60.7	34.2	2.9	42.9	8.9	16.4
Other 4-year	16	([5])	56.5	43.5	30.5	5.1	22.8	12.1	7.4
Doctor's degree	120	16,895	30.4	69.6	28.3	4.4	51.6	3.0	13.2
Public	73	12,758	30.3	69.7	22.3	6.5	55.5	3.9	11.7
Private	46	21,742	30.4	69.6	37.8	1.1	45.5	1.7	15.7
First-professional	211	30,045	23.0	77.0	68.2	10.0	37.0	2.3	20.3
Public	101	24,469	20.7	79.3	72.5	13.4	37.7	2.3	15.8
Private	110	35,301	25.1	74.9	64.3	6.8	36.4	2.3	24.4
Other graduate	61	13,102	39.3	60.7	42.4	6.7	22.9	6.0	9.1
	Full-time students,[4] 1995–96								
All institutions	**861**	**$27,122**	**23.9**	**76.1**	**49.3**	**4.1**	**43.4**	**9.6**	**22.7**
Master's degree	387	18,806	27.4	72.6	43.6	2.4	42.8	16.4	22.5
Public	236	15,905	25.3	74.7	40.7	3.0	45.6	16.7	31.4
4-year doctoral	195	16,910	23.5	76.5	40.5	2.6	47.9	19.2	34.1
Other 4-year	41	11,417	34.0	66.0	41.4	5.1	35.0	4.9	18.7
Private	151	22,568	30.6	69.4	48.2	1.4	38.3	15.9	8.7
4-year doctoral	104	23,816	28.8	71.2	44.6	1.5	42.2	20.2	11.5
Other 4-year	47	20,299	34.6	65.4	56.1	1.3	29.7	6.6	2.6
Doctor's degree	147	24,380	17.1	82.9	27.6	0.6	75.7	4.0	53.4
Public	94	22,687	14.1	85.9	27.6	1.0	77.8	5.1	62.1
Private	53	28,083	22.5	77.5	27.6	0.0	72.0	2.1	37.9
First-professional	253	37,540	16.8	83.2	73.9	9.4	31.6	2.2	8.7
Public	115	34,463	14.3	85.7	79.5	9.7	33.5	1.2	8.0
Private	138	40,350	19.0	81.0	69.3	9.2	30.0	3.1	9.3
Other graduate	54	12,057	43.5	56.5	34.0	2.2	31.4	7.0	14.7
Public 4-year doctoral	18	([5])	36.9	63.1	32.2	4.0	35.2	([5])	17.3
Public other 4-year	36	12,057	46.8	53.2	35.0	1.2	29.4	10.5	13.4
	Part-time students,[4] 1995–96								
All institutions	**1,869**	**$16,193**	**59.3**	**40.7**	**13.8**	**1.4**	**16.7**	**26.0**	**10.4**
Master's degree	1,118	14,635	56.3	43.7	15.1	1.2	16.5	27.9	10.3
Public	649	12,971	57.3	42.7	13.6	1.7	18.5	24.2	13.3
4-year doctoral	432	14,443	52.8	47.2	14.8	1.2	22.6	25.7	16.5
Other 4-year	217	9,273	66.4	33.6	11.1	2.8	10.3	21.4	6.9
Private	470	16,904	54.9	45.1	17.2	0.5	13.7	33.0	6.3
4-year doctoral	255	19,948	55.3	44.7	17.7	0.6	17.2	29.0	7.6
Other 4-year	215	13,006	54.5	45.5	16.6	0.3	9.6	37.8	4.7
Doctor's degree	181	19,530	48.6	51.4	12.1	0.6	39.3	11.9	27.0
Public	119	16,288	46.1	53.9	9.5	0.9	42.5	13.2	32.5
Private	62	24,882	53.3	46.7	17.2	0.0	33.3	9.3	16.6
First-professional	60	32,803	32.2	67.8	47.4	4.3	27.0	14.2	7.0
Public	15	31,882	29.6	70.4	59.6	4.0	25.7	9.3	8.6
Private	46	33,160	33.1	66.9	43.5	4.3	27.4	15.8	6.5
Other graduate	483	13,008	74.0	26.0	7.0	1.9	8.4	26.7	5.1
Public 4-year doctoral	166	11,166	67.8	32.2	9.8	0.5	12.4	24.7	4.0
Public other 4-year	317	15,473	77.3	22.7	5.5	2.6	6.3	27.8	5.7

[1] Numbers of postbaccalaureate students may not equal figures reported in other tables, since these data are based on a sample survey of all postbaccalaureate students. Includes students who enrolled at any time during the academic year.

[2] Includes students who reported they were awarded aid but did not specify the source of aid.

[3] Includes aid provided by corporations, unions, foundations, fraternal organizations, community organizations, etc.

[4] Full-time students are students who attend full-time for the entire academic year. All other students, including those who attend full-time for part of the academic year, are counted as part-time students.

[5] Sample size too small to permit reliable estimate.

NOTE: Total includes some students whose level of study was unknown. Because some students receive aid from multiple sources and rounding, percents do not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Postsecondary Student Aid Study, 1992–93 and 1995–96. (This table was prepared October 1997.)

Table 326.—Postbaccalaureate students enrolled full time and part time, by type of aid and by level of study, control, and level of institution: 1992–93 and 1995–96

Level of degree, control and type of institution	Postbaccalaureate students,[1] in thousands	Type of aid in percents							
		Any aid[2]	Fellowship grants	Tuition waivers	Assistantships[3]	Employer	Loans		
							Any loans	Stafford[4]	Perkins
1	2	3	4	5	6	7	8	9	10
	Full-time students,[5] 1992–93								
All institutions	**673**	**68.1**	**3.5**	**12.4**	**14.3**	**3.3**	**43.5**	**41.1**	**9.0**
Master's degree	281	62.5	3.5	15.6	18.1	5.1	32.5	30.5	5.0
Public	163	65.4	2.2	20.5	22.4	4.8	32.2	30.8	4.0
4-year doctoral	139	65.7	2.4	23.3	23.5	4.7	30.6	29.6	3.3
Other 4-year	24	63.9	1.0	4.4	15.8	5.3	41.5	38.4	8.3
Private	118	58.4	5.3	8.9	12.1	5.6	32.9	30.0	6.4
4-year doctoral	102	60.7	6.2	9.5	13.6	5.7	33.6	30.8	6.8
Other 4-year	16	43.5	0.0	5.4	3.0	4.7	28.7	24.6	4.4
Doctor's degree	120	69.6	9.3	19.4	27.0	2.2	25.8	23.9	3.5
Public	73	69.7	4.2	23.1	31.6	3.1	20.6	18.9	2.9
Private	46	69.6	17.5	13.6	19.9	0.9	34.1	31.9	4.3
First-professional	211	77.0	0.9	5.6	4.4	1.2	67.8	65.5	19.3
Public	101	79.3	0.4	5.4	4.3	1.3	71.8	69.9	23.2
Private	110	74.9	1.2	5.8	4.5	1.2	64.1	61.6	15.7
Other graduate	61	60.7	1.1	7.5	6.2	3.7	44.4	39.6	2.7
	Full-time students,[5] 1995–96								
All institutions	**861**	**76.1**	**5.2**	**11.7**	**19.5**	**5.0**	**48.7**	**48.0**	**8.1**
Master's degree	387	72.6	4.3	13.5	20.2	6.6	43.1	42.5	5.1
Public	236	74.7	4.8	17.8	28.8	7.1	39.5	38.8	3.5
4-year doctoral	195	76.5	5.2	19.5	31.1	7.6	39.2	38.6	4.0
Other 4-year	41	66.0	2.5	9.9	18.1	4.5	40.8	39.8	1.5
Private	151	69.4	3.6	6.7	6.6	5.8	48.6	48.2	7.6
4-year doctoral	104	71.2	3.6	6.4	8.8	7.1	44.6	44.6	9.6
Other 4-year	47	65.4	3.7	7.4	1.9	3.2	57.4	56.1	3.3
Doctor's degree	147	82.9	15.8	24.3	51.8	5.5	25.2	25.2	1.5
Public	94	85.9	13.7	30.9	59.9	5.9	26.7	26.7	1.4
Private	53	77.5	19.6	12.4	37.3	4.9	22.6	22.6	1.7
First-professional	253	83.2	1.4	3.0	4.0	1.3	74.4	73.0	18.4
Public	115	85.7	2.0	3.8	4.1	1.5	79.0	78.6	20.7
Private	138	81.0	0.9	2.4	3.8	1.2	70.6	68.3	16.4
Other graduate	54	56.5	2.1	9.8	6.4	6.1	31.3	30.9	1.7
Public 4-year doctoral	18	63.1	0.0	9.2	6.2	1.8	30.2	30.2	3.6
Public other 4-year	36	53.2	3.1	10.1	6.6	8.3	31.8	31.2	0.7
	Part-time students,[5] 1995–96								
All institutions	**1,869**	**40.7**	**0.8**	**6.1**	**7.4**	**16.1**	**13.4**	**13.1**	**0.9**
Master's degree	1,118	43.7	0.8	5.6	7.4	18.4	14.5	14.2	0.7
Public	649	42.7	0.8	6.0	10.7	16.0	13.2	12.9	0.9
4-year doctoral	432	47.2	1.0	7.1	13.7	16.6	14.3	14.2	1.0
Other 4-year	217	33.6	0.4	3.9	4.9	14.8	11.0	10.5	0.6
Private	470	45.1	0.9	5.1	2.7	21.7	16.4	16.1	0.5
4-year doctoral	255	44.7	1.2	4.3	4.0	18.3	17.6	17.0	0.8
Other 4-year	215	45.5	0.5	5.9	1.2	25.9	15.0	14.9	0.1
Doctor's degree	181	51.4	2.5	12.7	26.0	9.0	12.0	12.0	0.4
Public	119	53.9	3.1	15.6	31.9	9.2	9.2	9.2	0.3
Private	62	46.7	1.4	7.4	14.7	8.6	17.2	17.2	0.7
First-professional	60	67.8	1.4	3.8	3.1	7.0	47.8	45.7	8.6
Public	15	70.4	1.6	4.8	7.9	7.5	58.1	57.4	12.2
Private	46	66.9	1.3	3.5	1.6	6.8	44.5	41.9	8.6
Other graduate	483	26.0	0.2	5.5	1.5	13.3	6.7	6.5	0.5
Public 4-year doctoral	166	32.2	0.0	8.6	0.4	14.9	9.7	9.6	0.6
Public other 4-year	317	22.7	0.2	3.8	2.1	12.4	5.2	5.0	0.4

[1] Numbers of postbaccalaureate students may not equal figures reported in other tables, since these data are based on a sample survey of all postbaccalaureate students. Includes students who enrolled at any time during the academic year.

[2] Includes students who reported they were awarded aid but did not specify the source of aid.

[3] Includes students who received teaching or research assistantships and/or participated in work-study programs.

[4] Stafford loans, formerly Guaranteed Student Loans (GSL).

[5] Full-time students are students who attend full-time for the entire academic year. All other students, including those who attend full-time for part of the academic year, are counted as part-time students.

NOTE: Excludes students whose attendance status was not reported. Total includes some students whose level of study was unknown. Because some students receive aid from multiple sources and rounding, details do not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Postsecondary Student Aid Study, 1992–93 and 1995–96. (This table was prepared October 1997.)

Table 327.—Scholarship and fellowship awards of degree-granting institutions, by control of institution: 1959–60 to 1996–97

[In thousands]

Year	Total scholarship and fellowship awards[1]			Scholarship and fellowship awards from unrestricted funds[1]			Scholarship and fellowship awards from restricted funds[1]		
	All institutions	Public	Private	All institutions	Public	Private	All institutions	Public	Private
1	2	3	4	5	6	7	8	9	10
	Higher education institutions[2]								
1959–60	$172,051	$59,673	$112,377	—	—	—	—	—	—
1961–62	228,765	78,255	150,510	—	—	—	—	—	—
1963–64	300,370	107,767	192,603	—	—	—	—	—	—
1965–66	425,524	153,256	272,269	—	—	—	—	—	—
1966–67	583,390	248,077	335,311	—	—	—	—	—	—
1967–68	712,425	326,915	385,510	—	—	—	—	—	—
1968–69	814,755	367,433	447,322	—	—	—	—	—	—
1969–70	984,594	456,977	527,617	—	—	—	—	—	—
1970–71	1,098,198	528,243	569,955	—	—	—	—	—	—
1971–72	1,241,372	621,387	619,986	—	—	—	—	—	—
1972–73	1,322,411	656,054	666,357	—	—	—	—	—	—
1973–74	1,396,488	705,691	690,797	—	—	—	—	—	—
1974–75	1,449,542	718,780	730,762	$631,801	$267,191	$364,610	$817,741	$451,589	$366,152
1975–76	1,635,859	798,515	837,343	686,604	276,334	410,269	949,255	522,181	427,074
1976–77	1,770,215	859,011	911,204	748,763	291,073	457,690	1,021,451	567,938	453,514
1977–78	1,839,298	840,666	998,632	818,101	305,563	512,537	1,021,197	535,102	486,095
1978–79	1,944,599	861,578	1,083,021	883,213	326,201	557,012	1,061,386	535,377	526,009
1979–80	2,200,468	970,363	1,230,106	904,876	324,224	580,652	1,295,592	646,138	649,454
1980–81	2,504,525	1,064,864	1,439,661	1,080,614	367,476	713,138	1,423,911	697,388	726,523
1981–82	2,684,945	1,088,717	1,596,228	1,236,081	374,632	861,449	1,448,864	714,085	734,779
1982–83	2,922,897	1,188,383	1,734,514	1,478,762	460,291	1,018,470	1,444,136	728,092	716,044
1983–84	3,301,673	1,276,644	2,025,028	1,738,188	518,626	1,219,562	1,563,485	758,018	805,466
1984–85	3,670,355	1,374,803	2,295,551	1,961,597	569,058	1,392,539	1,708,758	805,745	903,012
1985–86	4,160,174	1,575,909	2,584,266	2,285,116	696,973	1,588,143	1,875,059	878,935	996,123
1986–87	4,776,100	1,751,671	3,024,430	2,644,615	750,931	1,893,684	2,131,486	1,000,740	1,130,746
1987–88	5,325,358	1,941,389	3,383,968	2,941,143	830,195	2,110,948	2,384,215	1,111,194	1,273,021
1988–89	5,918,666	2,150,350	3,768,316	3,282,698	944,001	2,338,697	2,635,969	1,206,349	1,429,619
1989–90	6,655,544	2,386,493	4,269,051	3,853,904	1,099,425	2,754,479	2,801,640	1,287,068	1,514,572
1990–91	7,551,184	2,688,532	4,862,651	4,445,106	1,270,158	3,174,947	3,106,078	1,418,374	1,687,704
1991–92	9,060,000	3,255,660	5,804,340	5,205,797	1,523,721	3,682,076	3,854,203	1,731,939	2,122,264
1992–93	10,148,373	3,727,838	6,420,536	5,949,037	1,745,339	4,203,697	4,199,337	1,982,498	2,216,838
1993–94	11,238,010	4,222,923	7,015,087	6,644,717	1,934,617	4,710,100	4,593,293	2,288,306	2,304,987
1994–95	12,285,328	4,662,023	7,623,304	7,329,384	2,149,036	5,180,348	4,955,944	2,512,988	2,442,957
1995–96	13,138,965	5,085,519	8,053,446	8,206,014	2,456,142	5,749,873	4,932,951	2,629,377	2,303,573
	Degree-granting institutions[3]								
1995–96	13,195,102	5,084,653	8,110,450	8,213,049	2,457,139	5,755,910	4,982,054	2,627,514	2,354,540
1996–97[4]	—	5,573,209	—	—	2,736,726	—	—	2,836,483	—

—Not available.

[1] Includes Supplemental Educational Opportunity Grants and State Student Incentive Grants, but excludes Pell Grants.

[2] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[3] Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

[4] Preliminary data.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared June 2000.)

Table 328.—Pell Grant revenue of degree-granting institutions compared to current-fund revenue and tuition, by type and control of institution: 1985–86 to 1996–97

[Dollars in thousands]

Year and type of institution	Total				Public				Private			
	Current-fund revenue	Tuition	Pell Grant revenue	Pell Grants as a percent of current-fund revenue	Current-fund revenue	Tuition	Pell Grant revenue	Pell Grants as a percent of current-fund revenue	Current-fund revenue	Tuition	Pell Grant revenue	Pell Grants as a percent of current-fund revenue
1	2	3	4	5	6	7	8	9	10	11	12	13
	Higher education institutions [1]											
1985–86	$100,437,616	$23,116,605	$2,565,048	2.6	$65,004,632	$9,439,177	$1,873,456	2.9	$35,432,985	$13,677,429	$691,592	2.0
4-year	88,144,386	20,498,399	1,770,042	2.0	53,746,503	7,539,717	1,214,303	2.3	34,397,882	12,958,683	555,739	1.6
2-year	12,293,231	2,618,206	795,006	6.5	11,258,128	1,899,460	659,153	5.9	1,035,102	718,746	135,853	13.1
1987–88	117,340,109	27,836,781	2,496,133	2.1	74,771,255	11,184,657	1,876,777	2.5	42,568,854	16,652,124	619,355	1.5
4-year	103,280,070	24,779,364	1,714,118	1.7	61,958,780	9,032,936	1,207,418	1.9	41,321,290	15,746,428	506,700	1.2
2-year	14,060,039	3,057,417	782,015	5.6	12,812,475	2,151,721	669,359	5.2	1,247,564	905,696	112,656	9.0
1989–90	139,635,477	33,926,060	3,348,018	2.4	88,911,433	13,820,240	2,566,209	2.9	50,724,044	20,105,820	781,809	1.5
4-year	122,858,290	30,302,689	2,253,803	1.8	73,415,696	11,090,012	1,591,684	2.2	49,442,595	19,212,677	662,119	1.3
2-year	16,777,187	3,623,371	1,094,215	6.5	15,495,738	2,730,229	974,525	6.3	1,281,449	893,143	119,690	9.3
1990–91	149,766,051	37,434,462	3,510,537	2.3	94,904,506	15,258,024	2,725,357	2.9	54,861,545	22,176,439	785,180	1.4
4-year	131,743,973	33,405,241	2,312,931	1.8	78,272,989	12,188,851	1,647,376	2.1	53,470,984	21,216,389	665,554	1.2
2-year	18,022,078	4,029,222	1,197,606	6.6	16,631,517	3,069,173	1,077,981	6.5	1,390,562	960,049	119,625	8.6
1991–92	161,395,896	41,559,037	4,238,047	2.6	102,202,890	17,460,263	3,312,386	3.2	59,193,006	24,098,774	925,661	1.6
4-year	141,700,893	36,910,390	2,710,510	1.9	83,969,040	13,827,245	1,928,623	2.3	57,731,852	23,083,145	781,887	1.4
2-year	19,695,003	4,648,647	1,527,537	7.8	18,233,850	3,633,018	1,383,763	7.6	1,461,153	1,015,629	143,774	9.8
1992–93	170,880,503	45,346,071	4,701,905	2.8	108,186,484	19,490,221	3,663,529	3.4	62,694,018	25,855,850	1,038,377	1.7
4-year	150,075,119	40,127,624	2,982,999	2.0	88,952,983	15,406,746	2,097,638	2.4	61,122,135	24,720,878	885,360	1.4
2-year	20,805,384	5,218,447	1,718,907	8.3	19,233,501	4,083,475	1,565,890	8.1	1,571,883	1,134,972	153,017	9.7
1993–94	179,226,601	48,646,538	4,564,790	2.5	112,963,097	20,825,388	3,543,643	3.1	66,258,504	27,821,149	1,021,147	1.5
4-year	157,265,446	43,052,545	2,674,392	1.7	92,747,344	16,457,225	1,860,187	2.0	64,518,102	26,595,320	814,204	1.3
2-year	21,961,155	5,593,993	1,890,399	8.6	20,220,753	4,368,164	1,683,456	8.3	1,740,402	1,225,829	206,942	11.9
1994–95	189,120,570	51,506,876	4,524,313	2.4	119,312,493	21,908,104	3,594,407	3.0	69,808,077	29,598,772	929,906	1.3
4-year	166,144,023	45,863,702	2,690,643	1.6	97,963,262	17,385,587	1,890,393	1.9	68,180,761	28,478,115	800,250	1.2
2-year	22,976,547	5,643,174	1,833,670	8.0	21,349,231	4,522,517	1,704,014	8.0	1,627,317	1,120,657	129,656	8.0
1995–96	197,414,848	54,725,982	4,504,570	2.3	123,378,526	23,222,284	3,595,360	2.9	74,036,321	31,503,698	909,210	1.2
4-year	173,428,636	48,892,798	2,692,691	1.6	101,029,863	18,510,094	1,906,264	1.9	72,398,773	30,382,704	786,427	1.1
2-year	23,986,211	5,833,184	1,811,879	7.6	22,348,663	4,712,190	1,689,096	7.6	1,637,548	1,120,994	122,783	7.5
	Degree-granting institutions [2]											
1995–96	197,973,236	55,260,293	4,598,793	2.3	123,501,152	23,257,454	3,603,696	2.9	74,472,083	32,002,839	995,097	1.3
4-year	173,358,920	48,937,146	2,692,395	1.6	101,033,907	18,512,146	1,906,294	1.9	72,325,013	30,425,000	786,101	1.1
2-year	24,614,316	6,323,147	1,906,398	7.7	22,467,245	4,745,308	1,697,402	7.6	2,147,071	1,577,839	208,997	9.7
1996–97[3]	—	—	—	—	130,035,326	24,700,424	3,870,268	3.0	—	—	—	—
4-year	—	—	—	—	106,823,399	19,760,597	2,059,333	1.9	—	—	—	—
2-year	—	—	—	—	23,211,926	4,939,827	1,810,935	7.8	—	—	—	—

—Not available.

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

[3] Preliminary data.

NOTE: Pell Grants which are spent on campus for tuition, room, board or other college expenses are included in current-fund revenue. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared June 2000.)

Table 329.—State awards for need-based undergraduate scholarship and grant programs, by state: 1987–88 to 1997–98

[In thousands]

State	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93[1]	1993–94[1]	1994–95[1]	1995–96[1]	1996–97[1]	1997–98[1]	Percent change, 1987–88 to 1997–98[2]
1	2	3	4	5	6	7	8	9	10	11	12	13
Need-based aid as a percent of all state financial aid[3]	**81.0**	**78.2**	**76.8**	**77.4**	**74.7**	**75.7**	**75.7**	**77.5**	**84.4**	**83.5**	**81.5**	—
Need-based aid	**$1,377,996**	**$1,423,743**	**$1,529,421**	**$1,658,221**	**$1,761,820**	**$1,923,720**	**$2,195,993**	**$2,421,952**	**$2,435,687**	**$2,555,667**	**$2,735,670**	**98.5**
Alabama	2,260	2,196	2,984	2,878	2,183	2,271	2,283	2,281	2,142	1,950	2,270	0.4
Alaska	240	234	228	464	475	470	454	444	430	213	240	0.0
Arizona	3,222	3,508	3,420	3,318	2,278	2,437	3,476	3,482	2,291	2,748	3,160	–1.9
Arkansas	3,759	3,903	3,946	3,885	4,742	6,319	7,701	8,907	10,765	12,569	13,160	250.1
California	118,819	129,264	153,045	161,642	172,852	151,379	207,969	232,067	235,582	257,544	284,410	139.4
Colorado	9,327	9,395	10,349	11,276	12,380	14,812	16,480	18,252	21,076	28,236	31,670	239.6
Connecticut	14,650	21,149	19,915	20,580	20,595	20,805	20,641	20,690	20,372	20,297	26,360	79.9
Delaware	807	829	956	1,066	906	1,121	1,270	1,033	1,188	959	1,290	59.9
District of Columbia	1,106	1,075	1,069	947	978	1,015	1,022	1,022	939	[4]939	940	–15.0
Florida	15,245	16,522	20,134	24,729	29,279	29,628	31,277	36,824	34,822	33,854	35,680	134.0
Georgia	4,599	5,197	4,607	5,070	5,084	4,951	26,853	5,147	4,757	2,165	1,060	–77.0
Hawaii	563	598	726	612	632	724	748	732	499	379	590	4.8
Idaho	343	348	346	350	483	580	634	779	763	714	710	107.0
Illinois	135,880	143,373	171,361	183,508	184,753	203,532	214,809	244,352	256,872	272,898	288,870	112.6
Indiana	45,408	35,692	41,874	46,756	[4]50,441	55,814	55,814	67,742	68,340	77,834	85,040	87.3
Iowa	25,960	30,050	32,467	35,586	34,654	34,067	34,718	35,642	38,953	41,938	44,900	73.0
Kansas	5,337	5,540	6,478	6,462	6,587	6,894	9,060	9,802	9,526	10,171	10,310	93.2
Kentucky	12,161	12,522	12,605	19,866	16,996	20,520	20,619	25,517	26,215	28,902	27,200	123.7
Louisiana	1,880	1,947	2,786	3,827	4,446	5,125	6,374	6,429	6,580	7,172	8,190	335.6
Maine	1,418	1,408	1,877	4,802	5,002	5,200	5,170	5,787	6,988	6,636	7,700	443.0
Maryland	8,737	12,841	14,800	15,607	16,253	20,828	23,713	24,571	30,350	36,264	37,190	325.7
Massachusetts	61,600	62,443	50,844	46,000	23,690	45,989	45,059	61,850	54,565	57,413	74,340	20.7
Michigan	70,099	75,467	70,721	68,918	78,116	75,469	79,735	81,340	84,154	85,872	90,480	29.1
Minnesota	63,300	68,293	58,136	74,656	81,322	83,170	102,920	97,920	92,069	92,707	96,400	52.3
Mississippi	1,230	1,251	1,243	1,136	1,131	1,244	1,255	1,248	1,175	540	1,070	–13.0
Missouri	8,394	10,234	10,796	11,078	10,142	11,097	11,124	11,913	12,233	13,681	14,690	75.0
Montana	419	420	415	383	414	418	401	419	393	314	460	9.8
Nebraska	1,094	1,052	1,276	2,192	2,370	2,613	2,686	2,726	3,114	3,211	4,090	273.9
Nevada	352	352	[4]352	321	326	341	342	342	2,595	3,180	5,900	1,576.1
New Hampshire	810	885	918	770	825	1,253	840	1,425	765	669	1,330	64.2
New Jersey	70,298	76,204	84,347	87,054	100,220	118,868	135,251	159,683	132,383	152,458	153,420	118.2
New Mexico	4,107	5,024	5,601	6,479	[4]7,293	8,295	9,266	13,886	14,629	14,289	14,510	253.3
New York	372,363	355,192	382,655	428,358	504,195	554,803	618,849	636,704	625,711	629,940	636,760	71.0
North Carolina	4,559	4,489	3,046	2,519	2,908	3,163	14,436	13,774	16,659	17,435	37,090	713.6
North Dakota	490	976	1,242	1,177	1,475	2,162	2,036	1,996	1,898	2,202	2,070	322.4
Ohio	49,200	50,865	53,848	54,600	57,275	66,000	77,940	91,225	86,053	86,770	92,950	88.9
Oklahoma	10,245	9,861	11,591	11,871	12,612	13,286	13,405	13,325	13,642	14,558	16,920	65.2
Oregon	9,959	10,108	10,092	11,809	12,023	[4]12,606	12,903	13,761	13,651	16,241	15,800	58.7
Pennsylvania	110,992	118,986	132,344	142,389	158,092	173,214	188,751	218,604	232,020	240,459	251,550	126.6
Rhode Island	8,138	8,967	9,917	9,522	9,141	9,586	6,500	6,340	5,741	5,699	6,010	–26.1
South Carolina	16,346	17,810	18,150	17,901	16,800	17,105	16,795	17,297	18,622	21,540	21,920	34.1
South Dakota	516	506	504	468	480	587	589	589	562	346	0	–100.0
Tennessee	12,591	11,977	12,977	13,487	12,793	13,723	16,755	18,313	18,811	18,652	20,440	62.3
Texas	22,705	22,266	24,784	24,135	27,385	27,467	29,102	29,102	40,768	42,761	60,670	167.2
Utah	1,133	1,081	1,091	1,001	1,034	1,115	1,132	1,129	1,197	2,170	1,960	73.0
Vermont	8,414	9,264	11,137	10,184	11,019	11,120	11,167	11,788	11,865	11,309	12,330	46.5
Virginia	4,414	8,062	7,966	7,351	4,892	6,654	6,408	53,885	59,568	59,025	59,260	1,242.5
Washington	12,425	12,858	13,925	21,095	23,527	23,571	46,617	53,369	56,573	58,149	69,430	458.8
West Virginia	5,189	5,204	5,217	5,559	5,781	5,868	5,802	6,761	8,132	10,527	12,140	134.0
Wisconsin	34,653	35,842	38,072	42,365	42,324	44,216	46,592	49,511	46,470	49,008	50,540	45.8
Wyoming	240	212	[4]241	[4]212	216	225	250	225	219	160	200	–16.7

—Not available.

[1] Estimated.

[2] Changes may reflect introduction of new programs or discontinuation of existing programs.

[3] Participation requirements vary from state to state.

[4] Data are estimated based on prior year's report.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: National Association of State Scholarship and Grant Programs, *Annual Survey Report*, (1987–88 to 1994–95), and National Association of State Student Grant and Aid Programs, *Annual Survey Report* (1995–96 to 1997–98). (This table was prepared September 1999.)

Table 330.—Current-fund revenue of degree-granting institutions, by source: 1980–81 to 1995–96

Source	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10
	In thousands								
Total current-fund revenue	**$65,584,789**	**$100,437,816**	**$139,635,477**	**$149,766,051**	**$161,395,896**	**$170,880,503**	**$179,226,601**	**$189,120,570**	**$197,973,236**
Tuition and fees	13,773,259	23,116,605	33,926,060	37,434,462	41,559,037	45,346,071	48,646,538	51,506,876	55,260,293
Federal government	9,747,586	12,704,750	17,254,874	18,236,082	19,833,317	21,014,564	22,076,385	23,243,172	23,939,075
Appropriations	1,346,835	1,617,510	1,890,046	1,840,694	1,907,403	1,872,840	1,994,279	1,984,450	2,036,948
Unrestricted grants and contracts	1,126,558	1,658,636	2,353,119	2,504,859	2,703,590	2,913,256	3,129,307	3,297,173	3,652,186
Restricted grants and contracts [1]	6,005,317	7,190,345	9,773,266	10,443,977	11,561,444	12,589,727	13,554,435	14,421,419	14,713,289
Independent operations (FFRDC) [2]	1,268,877	2,238,259	3,238,442	3,446,552	3,660,881	3,638,741	3,398,364	3,540,129	3,536,653
State governments	20,106,222	29,911,500	38,349,239	39,480,874	40,586,907	41,247,955	41,910,288	44,343,012	45,692,673
Appropriations	19,266,186	28,402,288	35,223,174	36,255,090	36,884,957	37,314,176	37,824,061	39,638,444	40,323,301
Unrestricted grants and contracts	84,848	154,109	411,757	366,206	376,176	382,204	360,852	524,586	1,090,932
Restricted grants and contracts	755,188	1,355,102	2,714,309	2,859,577	3,325,774	3,551,575	3,725,375	4,179,982	4,278,440
Local governments	1,790,740	2,544,506	3,639,902	3,931,239	4,159,876	4,444,875	4,998,306	5,165,961	5,607,909
Appropriations	1,482,536	2,153,160	2,919,447	3,177,696	3,336,012	3,599,983	4,023,620	4,247,748	4,400,741
Unrestricted grants and contracts	29,629	56,975	122,404	116,982	140,135	139,881	134,491	134,611	377,754
Restricted grants and contracts	278,575	334,371	598,051	636,561	683,729	705,011	840,195	783,602	829,414
Private gifts, grants, and contracts	3,176,670	5,410,905	7,781,422	8,361,265	8,977,271	9,659,977	10,203,062	10,866,749	11,903,126
Unrestricted	1,210,903	2,111,972	2,634,974	2,720,233	2,921,997	3,229,718	3,400,457	3,556,608	4,072,454
Restricted	1,965,766	3,298,933	5,146,448	5,641,032	6,055,274	6,430,259	6,802,605	7,310,141	7,830,672
Endowment income	1,364,443	2,275,898	3,143,696	3,268,629	3,442,009	3,627,773	3,669,536	3,988,217	4,562,171
Unrestricted	770,358	1,285,194	1,614,088	1,521,940	1,549,930	1,536,511	1,557,733	1,649,296	2,064,490
Restricted	594,085	990,704	1,529,608	1,746,690	1,892,079	2,091,262	2,111,803	2,338,921	2,497,681
Sales and services	13,677,366	21,274,265	30,787,233	34,107,502	37,519,828	39,824,766	41,791,319	43,039,561	43,009,873
Educational activities	1,409,730	2,373,494	3,632,100	4,054,703	4,520,890	5,037,901	5,294,030	5,603,251	5,530,763
Auxiliary enterprises	7,287,290	10,674,136	13,938,469	14,903,127	15,758,599	16,662,850	17,537,514	18,336,094	18,867,540
Hospitals	4,980,346	8,226,635	13,216,664	15,149,672	17,240,338	18,124,015	18,959,776	19,100,217	18,611,570
Other sources	1,948,503	3,199,186	4,753,051	4,945,998	5,317,651	5,714,523	5,931,167	6,967,023	7,998,116
	Percentage distribution								
Total current-fund revenue	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Tuition and fees	21.0	23.0	24.3	25.0	25.7	26.5	27.1	27.2	27.9
Federal government	14.9	12.6	12.4	12.2	12.3	12.3	12.3	12.3	12.1
Appropriations	2.1	1.6	1.4	1.2	1.2	1.1	1.1	1.0	1.0
Unrestricted grants and contracts	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8
Restricted grants and contracts [1]	9.2	7.2	7.0	7.0	7.2	7.4	7.6	7.6	7.4
Independent operations (FFRDC) [2]	1.9	2.2	2.3	2.3	2.3	2.1	1.9	1.9	1.8
State governments	30.7	29.8	27.5	26.4	25.1	24.1	23.4	23.4	23.1
Appropriations	29.4	28.3	25.2	24.2	22.9	21.8	21.1	21.0	20.4
Unrestricted grants and contracts	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.6
Restricted grants and contracts	1.2	1.3	1.9	1.9	2.1	2.1	2.1	2.2	2.2
Local governments	2.7	2.5	2.6	2.6	2.6	2.6	2.8	2.7	2.8
Appropriations	2.3	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2
Unrestricted grants and contracts	(3)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Restricted grants and contracts	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.4
Private gifts, grants, and contracts	4.8	5.4	5.6	5.6	5.6	5.7	5.7	5.7	6.0
Unrestricted	1.8	2.1	1.9	1.8	1.8	1.9	1.9	1.9	2.1
Restricted	3.0	3.3	3.7	3.8	3.8	3.8	3.8	3.9	4.0
Endowment income	2.1	2.3	2.3	2.2	2.1	2.1	2.0	2.1	2.3
Unrestricted	1.2	1.3	1.2	1.0	1.0	0.9	0.9	0.9	1.0
Restricted	0.9	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.3
Sales and services	20.9	21.2	22.0	22.8	23.2	23.3	23.3	22.8	21.7
Educational activities	2.1	2.4	2.6	2.7	2.8	2.9	3.0	3.0	2.8
Auxiliary enterprises	11.1	10.6	10.0	10.0	9.8	9.8	9.8	9.7	9.5
Hospitals	7.6	8.2	9.5	10.1	10.7	10.6	10.6	10.1	9.4
Other sources	3.0	3.2	3.4	3.3	3.3	3.3	3.3	3.7	4.0

[1] Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.

[2] Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).

[3] Less than 0.05 percent.

NOTE: Data for 1980–81 to 1994–95 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 331.—Current-fund revenue of public degree-granting institutions, by source: 1980–81 to 1996–97

Source	1980–81	1985–86	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97[1]
1	2	3	4	5	6	7	8	9	10
	In thousands								
Total current-fund revenue	**$43,195,617**	**$65,004,632**	**$94,904,506**	**$102,202,890**	**$108,186,484**	**$112,968,097**	**$119,312,493**	**$123,501,152**	**$130,035,326**
Tuition and fees	5,570,404	9,439,177	15,258,024	17,460,263	19,490,221	20,825,388	21,908,104	23,257,454	24,700,424
Federal government	5,540,101	6,852,370	9,763,427	10,783,842	11,655,011	12,465,038	13,191,843	13,672,467	14,320,821
Appropriations	1,128,101	1,401,367	1,604,548	1,662,229	1,658,052	1,781,837	1,766,412	1,826,738	1,941,539
Unrestricted grants and contracts	529,424	816,364	1,319,035	1,462,372	1,601,201	1,694,596	1,802,822	1,996,861	1,912,276
Restricted grants and contracts[2]	3,812,197	4,481,723	6,629,484	7,426,627	8,155,317	8,776,458	9,368,072	9,598,340	10,194,204
Independent operations (FFRDC)[3]	70,379	152,916	210,360	232,613	240,441	212,148	254,537	250,529	272,802
State governments	19,675,968	29,220,586	38,239,978	39,107,560	39,789,641	40,536,393	42,854,681	44,242,546	46,332,349
Appropriations	19,006,716	28,071,070	35,898,653	36,612,540	37,073,932	37,565,065	39,405,865	40,081,437	42,226,673
Unrestricted grants and contracts	45,390	88,779	250,168	253,184	259,046	271,298	381,165	924,837	690,925
Restricted grants and contracts	623,863	1,060,737	2,091,157	2,241,836	2,456,663	2,700,030	3,067,650	3,236,272	3,414,751
Local governments	1,622,938	2,325,844	3,531,714	3,778,615	4,040,897	4,508,604	4,756,884	5,074,511	5,084,957
Appropriations	1,478,001	2,150,459	3,159,789	3,319,119	3,594,207	4,021,421	4,243,984	4,397,098	4,418,919
Unrestricted grants and contracts	9,915	27,852	73,281	90,257	84,974	71,098	60,123	184,597	191,479
Restricted grants and contracts	135,022	147,533	298,644	369,239	361,717	416,084	452,777	492,815	474,559
Private gifts, grants, and contracts	1,100,084	2,109,782	3,651,107	4,039,212	4,330,112	4,521,452	4,737,529	5,089,344	5,586,377
Unrestricted	110,462	279,381	529,496	650,468	686,214	698,497	684,264	784,979	900,397
Restricted	989,622	1,830,401	3,121,611	3,388,743	3,643,898	3,822,955	4,053,266	4,304,365	4,685,980
Endowment income	214,561	398,603	431,235	593,998	667,711	639,343	693,313	721,079	785,993
Unrestricted	102,888	181,624	147,368	248,770	257,113	259,172	266,960	304,860	300,713
Restricted	111,673	216,979	283,867	345,228	410,598	380,172	426,354	416,219	485,280
Sales and services	8,455,449	12,990,670	21,546,202	23,738,382	25,282,113	26,404,241	27,517,662	27,399,796	28,882,147
Educational activities	943,737	1,596,946	2,700,185	2,960,980	3,236,037	3,329,681	3,616,034	3,528,610	3,896,210
Auxiliary enterprises	4,614,561	6,684,794	9,058,745	9,655,373	10,255,044	10,814,804	11,373,646	11,595,408	12,299,834
Hospitals	2,897,151	4,708,930	9,787,271	11,122,029	11,791,033	12,259,757	12,527,982	12,275,778	12,686,103
Other sources	1,016,110	1,667,600	2,482,819	2,701,019	2,930,778	3,067,638	3,652,477	4,043,955	4,342,257
	Percentage distribution								
Total current-fund revenue	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Tuition and fees	12.9	14.5	16.1	17.1	18.0	18.4	18.4	18.8	19.0
Federal government	12.8	10.5	10.3	10.6	10.8	11.0	11.1	11.1	11.0
Appropriations	2.6	2.2	1.7	1.6	1.5	1.6	1.5	1.5	1.5
Unrestricted grants and contracts	1.2	1.3	1.4	1.4	1.5	1.5	1.5	1.6	1.5
Restricted grants and contracts[2]	8.8	6.9	7.0	7.3	7.5	7.8	7.9	7.8	7.8
Independent operations (FFRDC)[3]	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
State governments	45.6	45.0	40.3	38.3	36.8	35.9	35.9	35.8	35.6
Appropriations	44.0	43.2	37.8	35.8	34.3	33.3	33.0	32.5	32.5
Unrestricted grants and contracts	0.1	0.1	0.3	0.2	0.2	0.2	0.3	0.7	0.5
Restricted grants and contracts	1.4	1.6	2.2	2.2	2.3	2.4	2.6	2.6	2.6
Local governments	3.8	3.6	3.7	3.7	3.7	4.0	4.0	4.1	3.9
Appropriations	3.4	3.3	3.3	3.2	3.3	3.6	3.6	3.6	3.4
Unrestricted grants and contracts	(4)	(4)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Restricted grants and contracts	0.3	0.2	0.3	0.4	0.3	0.4	0.4	0.4	0.4
Private gifts, grants, and contracts	2.5	3.2	3.8	4.0	4.0	4.0	4.0	4.1	4.3
Unrestricted	0.3	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.7
Restricted	2.3	2.8	3.3	3.3	3.4	3.4	3.4	3.5	3.6
Endowment income	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6
Unrestricted	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Restricted	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.4
Sales and services	19.6	20.0	22.7	23.2	23.4	23.4	23.1	22.2	22.2
Educational activities	2.2	2.5	2.8	2.9	3.0	2.9	3.0	2.9	3.0
Auxiliary enterprises	10.7	10.3	9.5	9.4	9.5	9.6	9.5	9.4	9.5
Hospitals	6.7	7.2	10.3	10.9	10.9	10.9	10.5	9.9	9.8
Other sources	2.4	2.6	2.6	2.6	2.7	2.7	3.1	3.3	3.3

[1] Preliminary data.

[2] Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.

[3] Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).

[4] Less than 0.05 percent.

NOTE: Data for 1980–81 to 1994–95 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared June 2000.)

Table 332.—Current-fund revenue of private degree-granting institutions, by source: 1980–81 to 1995–96

Source	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10
	In thousands								
Total current-fund revenue	**$22,389,172**	**$35,432,985**	**$50,724,044**	**$54,861,545**	**$59,193,006**	**$62,694,018**	**$66,258,504**	**$69,808,077**	**$74,472,083**
Tuition and fees	8,202,855	13,677,429	20,105,820	22,176,439	24,098,774	25,855,850	27,821,149	29,538,772	32,002,839
Federal government	4,207,485	5,852,380	8,083,386	8,472,654	9,049,476	9,359,554	9,611,348	10,051,329	10,266,608
Appropriations	218,733	216,143	254,000	236,146	245,173	214,788	212,443	218,038	210,210
Unrestricted grants and contracts	597,134	842,272	1,138,283	1,185,824	1,241,218	1,312,056	1,434,711	1,494,351	1,655,325
Restricted grants and contracts [1]	2,193,119	2,708,622	3,667,154	3,814,493	4,134,817	4,434,410	4,777,978	5,053,347	5,114,949
Independent operations (FFRDC) [2]	1,198,498	2,085,343	3,023,949	3,236,192	3,428,267	3,398,300	3,186,216	3,285,593	3,286,124
State governments	430,253	690,914	1,296,932	1,240,896	1,479,347	1,458,314	1,373,894	1,488,332	1,450,127
Appropriations	259,470	331,219	364,270	356,437	272,417	240,244	258,996	232,579	241,864
Unrestricted grants and contracts	39,458	65,330	114,419	116,038	122,992	123,158	89,554	143,421	166,095
Restricted grants and contracts	131,326	294,365	818,244	768,421	1,083,938	1,094,912	1,025,344	1,112,332	1,042,168
Local governments	167,801	218,662	375,599	399,525	381,261	403,977	489,703	409,077	533,398
Appropriations	4,535	2,701	9,003	17,907	16,893	5,776	2,199	3,763	3,643
Unrestricted grants and contracts	19,714	29,123	39,999	43,701	49,878	54,907	63,393	74,488	193,156
Restricted grants and contracts	143,552	186,838	326,598	337,917	314,490	343,294	424,111	330,826	336,598
Private gifts, grants, and contracts	2,076,585	3,301,124	4,412,787	4,710,158	4,938,060	5,329,865	5,681,610	6,129,220	6,813,782
Unrestricted	1,100,441	1,832,592	2,198,946	2,190,736	2,271,529	2,543,504	2,701,960	2,872,344	3,287,476
Restricted	976,144	1,468,532	2,213,841	2,519,421	2,666,531	2,786,361	2,979,650	3,256,876	3,526,306
Endowment income	1,149,883	1,877,295	2,681,995	2,837,394	2,848,012	2,960,062	3,030,193	3,294,904	3,841,091
Unrestricted	667,471	1,103,570	1,449,846	1,374,572	1,301,160	1,279,398	1,298,562	1,382,336	1,759,630
Restricted	482,412	773,725	1,232,149	1,462,822	1,546,851	1,680,664	1,731,631	1,912,567	2,081,461
Sales and services	5,221,917	8,283,595	11,456,804	12,561,301	13,781,446	14,542,653	15,387,078	15,521,899	15,610,078
Educational activities	465,993	776,548	1,208,322	1,354,518	1,559,910	1,801,865	1,964,349	1,987,217	2,002,153
Auxiliary enterprises	2,672,729	3,989,342	5,465,187	5,844,382	6,103,226	6,407,806	6,722,710	6,962,448	7,272,132
Hospitals	2,083,195	3,517,705	4,783,295	5,362,401	6,118,309	6,332,982	6,700,019	6,572,234	6,335,792
Other sources	932,392	1,531,586	2,310,720	2,463,178	2,616,632	2,783,744	2,863,529	3,314,546	3,954,162
	Percentage distribution								
Total current-fund revenue	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Tuition and fees	36.6	38.6	39.6	40.4	40.7	41.2	42.0	42.4	43.0
Federal government	18.8	16.5	15.9	15.4	15.3	14.9	14.5	14.4	13.8
Appropriations	1.0	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.3
Unrestricted grants and contracts	2.7	2.4	2.2	2.2	2.1	2.1	2.2	2.1	2.2
Restricted grants and contracts [1]	9.8	7.6	7.2	7.0	7.0	7.1	7.2	7.2	6.9
Independent operations (FFRDC) [2]	5.4	5.9	6.0	5.9	5.8	5.4	4.8	4.7	4.4
State governments	1.9	1.9	2.6	2.3	2.5	2.3	2.1	2.1	1.9
Appropriations	1.2	0.9	0.7	0.6	0.5	0.4	0.4	0.3	0.3
Unrestricted grants and contracts	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
Restricted grants and contracts	0.6	0.8	1.6	1.4	1.8	1.7	1.5	1.6	1.4
Local governments	0.7	0.6	0.7	0.7	0.6	0.6	0.7	0.6	0.7
Appropriations	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Unrestricted grants and contracts	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3
Restricted grants and contracts	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.5	0.5
Private gifts, grants, and contracts	9.3	9.3	8.7	8.6	8.3	8.5	8.6	8.8	9.1
Unrestricted	4.9	5.2	4.3	4.0	3.8	4.1	4.1	4.1	4.4
Restricted	4.4	4.1	4.4	4.6	4.5	4.4	4.5	4.7	4.7
Endowment income	5.1	5.3	5.3	5.2	4.8	4.7	4.6	4.7	5.2
Unrestricted	3.0	3.1	2.9	2.5	2.2	2.0	2.0	2.0	2.4
Restricted	2.2	2.2	2.4	2.7	2.6	2.7	2.6	2.7	2.8
Sales and services	23.3	23.4	22.6	22.9	23.3	23.2	23.2	22.2	21.0
Educational activities	2.1	2.2	2.4	2.5	2.6	2.9	3.0	2.8	2.7
Auxiliary enterprises	11.9	11.3	10.8	10.7	10.3	10.2	10.1	10.0	9.8
Hospitals	9.3	9.9	9.4	9.8	10.3	10.1	10.1	9.4	8.5
Other sources	4.2	4.3	4.6	4.5	4.4	4.4	4.3	4.7	5.3

[1] Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.

[2] Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).

[3] Less than 0.05 percent.

NOTE: Data for 1980–81 to 1994–95 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 333.—Current-fund revenue of private not-for-profit degree-granting institutions, by source: 1980–81 to 1995–96

Source	1980–81	1985–86	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9
	In thousands							
Total current-fund revenue	**$22,078,144**	**$34,839,494**	**$53,652,864**	**$57,904,208**	**$61,291,366**	**$64,726,849**	**$68,215,391**	**$72,263,702**
Tuition and fees	7,930,156	13,152,750	21,150,439	22,990,730	24,663,506	26,504,664	28,223,908	29,988,621
Federal government	4,203,605	5,843,729	8,400,320	9,011,581	9,323,425	9,576,958	10,023,252	10,189,345
Appropriations	217,866	215,398	233,826	242,458	214,788	212,443	218,038	210,210
Unrestricted grants and contracts	596,257	840,593	1,164,075	1,240,445	1,310,776	1,431,294	1,490,585	1,648,590
Restricted grants and contracts [1]	2,190,984	2,703,772	3,776,751	4,101,491	4,399,937	4,747,005	5,029,036	5,042,597
Independent operations (FFRDC) [2]	1,198,498	2,083,966	3,225,668	3,427,187	3,397,924	3,186,216	3,285,592	3,287,947
State governments	430,007	688,502	1,221,746	1,419,019	1,384,288	1,297,296	1,412,609	1,336,890
Appropriations	259,463	331,004	356,009	271,941	240,067	258,995	232,579	242,997
Unrestricted grants and contracts	39,349	65,330	114,495	121,179	121,755	88,814	142,522	160,535
Restricted grants and contracts	131,195	292,168	751,242	1,025,899	1,022,466	949,488	1,037,509	933,358
Local governments	167,266	218,599	398,367	379,364	401,468	487,629	406,862	524,751
Appropriations	4,535	2,696	17,543	16,446	5,572	2,198	3,763	3,898
Unrestricted grants and contracts	19,536	29,067	43,647	49,431	54,549	63,311	74,301	188,680
Restricted grants and contracts	143,195	186,836	337,177	313,487	341,347	422,119	328,797	332,174
Private gifts, grants, and contracts	2,072,631	3,293,435	4,705,341	4,934,809	5,328,009	5,680,389	6,127,716	6,854,515
Unrestricted	1,096,871	1,826,109	2,187,630	2,269,272	2,542,575	2,701,866	2,872,151	3,327,762
Restricted	975,760	1,467,326	2,517,711	2,665,536	2,785,434	2,978,523	3,255,565	3,526,752
Endowment income	1,149,042	1,876,203	2,834,333	2,846,578	2,960,043	3,030,193	3,294,805	3,849,693
Unrestricted	667,002	1,102,801	1,373,303	1,300,310	1,279,388	1,298,562	1,382,336	1,768,169
Restricted	482,040	773,402	1,461,030	1,546,268	1,680,655	1,731,631	1,912,468	2,081,523
Sales and services	5,198,255	8,242,785	12,501,834	13,723,798	14,468,452	15,309,195	15,436,197	15,599,719
Educational activities	461,859	772,272	1,351,766	1,556,995	1,794,217	1,952,836	1,974,500	2,014,598
Auxiliary enterprises	2,653,200	3,952,809	5,787,670	6,048,495	6,341,253	6,656,340	6,889,833	7,188,666
Hospitals	2,083,195	3,517,705	5,362,398	6,118,307	6,332,982	6,700,019	6,571,863	6,396,455
Other sources	927,183	1,523,490	2,440,485	2,598,329	2,762,175	2,840,526	3,290,042	3,920,169
	Percentage distribution							
Total current-fund revenue	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Tuition and fees	35.9	37.8	39.4	39.7	40.2	40.9	41.4	41.5
Federal government	19.0	16.8	15.7	15.6	15.2	14.8	14.7	14.1
Appropriations	1.0	0.6	0.4	0.4	0.4	0.3	0.3	0.3
Unrestricted grants and contracts	2.7	2.4	2.2	2.1	2.1	2.2	2.2	2.3
Restricted grants and contracts [1]	9.9	7.8	7.0	7.1	7.2	7.3	7.4	7.0
Independent operations (FFRDC) [2]	5.4	6.0	6.0	5.9	5.5	4.9	4.8	4.5
State governments	1.9	2.0	2.3	2.5	2.3	2.0	2.1	1.9
Appropriations	1.2	1.0	0.7	0.5	0.4	0.4	0.3	0.3
Unrestricted grants and contracts	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
Restricted grants and contracts	0.6	0.8	1.4	1.8	1.7	1.5	1.5	1.3
Local governments	0.8	0.6	0.7	0.7	0.7	0.8	0.6	0.7
Appropriations	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Unrestricted grants and contracts	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3
Restricted grants and contracts	0.6	0.5	0.6	0.5	0.6	0.7	0.5	0.5
Private gifts, grants, and contracts	9.4	9.5	8.8	8.5	8.7	8.8	9.0	9.5
Unrestricted	5.0	5.2	4.1	3.9	4.1	4.2	4.2	4.6
Restricted	4.4	4.2	4.7	4.6	4.5	4.6	4.8	4.9
Endowment income	5.2	5.4	5.3	4.9	4.8	4.7	4.8	5.3
Unrestricted	3.0	3.2	2.6	2.2	2.1	2.0	2.0	2.4
Restricted	2.2	2.2	2.7	2.7	2.7	2.7	2.8	2.9
Sales and services	23.5	23.7	23.3	23.7	23.6	23.7	22.6	21.6
Educational activities	2.1	2.2	2.5	2.7	2.9	3.0	2.9	2.8
Auxiliary enterprises	12.0	11.3	10.8	10.4	10.3	10.3	10.1	9.9
Hospitals	9.4	10.1	10.0	10.6	10.3	10.4	9.6	8.9
Other sources	4.2	4.4	4.5	4.5	4.5	4.4	4.8	5.4

[1] Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.

[2] Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).

[3] Less than 0.05 percent.

NOTE: Data for 1980–81 to 1994–95 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared January 1999.)

Table 334.—Current-fund revenue of degree-granting institutions, by source of funds: 1919–20 to 1995–96

[In thousands]

Year	Current-fund revenue	Student tuition and fees [1]	Federal government [2]	State governments [3]	Local governments	Endowment earnings	Private gifts and grants [4]	Sales and services of educational activities	Auxiliary enterprises	Hospitals [5]	Other current income
1	2	3	4	5	6	7	8	9	10	11	12
	Higher education institutions [6]										
1919–20	$199,922	$42,255	$12,783	$61,690	(7)	$26,482	$7,584	—	$26,993	—	$22,135
1929–30	554,511	144,126	20,658	150,847	(7)	68,605	26,172	—	60,419	—	83,684
1939–40	715,211	200,897	38,860	151,222	$24,392	71,304	40,453	$32,777	143,923	—	11,383
1949–50	2,374,645	394,610	524,319	491,636	61,700	96,341	118,627	111,987	511,265	—	64,160
1959–60	5,785,537	1,157,482	1,036,990	1,374,476	151,715	206,619	382,569	102,525	1,004,283	$187,769	181,110
1969–70	21,515,242	4,419,845	4,130,066	5,873,626	778,162	516,038	1,129,438	612,777	2,900,390	619,578	535,323
1975–76	39,703,166	8,171,942	6,477,178	12,260,885	1,616,975	687,470	1,917,036	645,420	4,547,622	2,494,340	884,298
1976–77	43,436,827	9,024,932	7,169,031	13,285,684	1,626,908	764,788	2,105,070	779,058	4,919,602	2,859,376	902,377
1977–78	47,034,032	9,855,270	6,968,501	14,746,166	1,744,230	832,286	2,320,368	882,715	5,327,821	3,268,956	1,087,719
1978–79	51,837,789	10,704,171	7,851,326	16,363,784	1,573,018	985,242	2,489,366	1,037,130	5,741,309	3,763,453	1,328,991
1979–80	58,519,982	11,930,340	8,902,844	18,378,299	1,587,552	1,176,627	2,808,075	1,239,439	6,481,458	4,373,384	1,641,965
1980–81	65,584,789	13,773,259	9,747,586	20,106,222	1,790,740	1,364,443	3,176,670	1,409,730	7,287,290	4,980,346	1,948,503
1981–82	72,190,856	15,774,038	9,591,805	21,848,791	1,937,669	1,596,813	3,563,558	1,582,922	8,121,611	5,838,565	2,335,084
1982–83	77,595,726	17,776,041	9,631,097	23,065,636	2,031,353	1,720,677	4,052,649	1,723,484	8,769,521	6,531,562	2,293,706
1983–84	84,417,287	19,714,884	10,406,166	24,706,990	2,192,275	1,873,945	4,415,275	1,970,747	9,456,369	7,040,662	2,639,973
1984–85	92,472,694	21,283,329	11,509,125	27,583,011	2,387,212	2,096,298	4,896,325	2,126,927	10,100,410	7,474,575	3,015,483
1985–86	100,437,616	23,116,605	12,704,750	29,911,500	2,544,506	2,275,898	5,410,905	2,373,494	10,674,136	8,226,635	3,199,186
1986–87	108,809,827	25,705,827	13,904,049	31,309,303	2,799,321	2,377,958	5,952,682	2,641,906	11,364,188	9,277,834	3,476,760
1987–88	117,340,109	27,836,781	14,771,954	33,517,166	3,006,263	2,586,441	6,359,282	2,918,090	11,947,778	10,626,566	3,769,787
1988–89	128,501,638	30,806,566	15,893,978	36,031,208	3,363,676	2,914,396	7,060,730	3,315,620	12,855,580	11,991,265	4,268,618
1989–90	139,635,477	33,926,060	17,254,874	38,349,239	3,639,902	3,143,696	7,781,422	3,632,100	13,938,469	13,216,664	4,753,051
1990–91	149,766,051	37,434,462	18,236,082	39,480,874	3,931,239	3,268,629	8,361,265	4,054,703	14,903,127	15,149,672	4,945,998
1991–92	161,395,896	41,559,037	19,833,317	40,586,907	4,159,876	3,442,009	8,977,271	4,520,890	15,758,599	17,240,338	5,317,651
1992–93	170,880,503	45,346,071	21,014,564	41,247,955	4,444,875	3,627,773	9,659,977	5,037,901	16,662,850	18,124,015	5,714,523
1993–94	179,226,601	48,646,538	22,076,385	41,910,288	4,998,306	3,669,536	10,203,062	5,294,030	17,537,514	18,959,776	5,931,167
1994–95	189,120,570	51,506,876	23,243,172	44,343,012	5,165,961	3,988,217	10,866,749	5,603,251	18,336,094	19,100,217	6,967,023
1995–96	197,414,848	54,725,982	23,879,098	45,621,627	5,589,988	4,570,933	11,942,987	5,552,907	18,861,585	18,672,680	7,997,061
	Degree-granting institutions [8]										
1995–96	197,973,236	55,260,293	23,939,075	45,692,673	5,607,909	4,562,171	11,903,126	5,530,763	18,867,540	18,611,570	7,998,116

—Not available.

[1] Tuition and fees received from veterans under Public Law 550 are reported under student fees and are not under income from the federal government.

[2] Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.

[3] Includes federal aid received through state channels and regional compacts, through 1959–60.

[4] Beginning in 1969–70, the private grants represent nongovernmental revenue for sponsored research, student aid, and other sponsored programs.

[5] Prior to 1959–60, data for hospitals are included under sales and services of educational activities.

[6] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[7] Income from state and local governments tabulated under "State governments."

[8] Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

NOTE: Data for years prior to 1969–70 are not entirely comparable with data for later years. Also, some details for 1969–70 are not directly comparable with data for later years. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 335.—Current-fund revenue of public degree-granting institutions, by source of funds, and by type of institution: 1996–97

Type of institution	Current-fund revenue	Student tuition and fees [1]	Federal government [2]	State governments	Local governments	Private gifts and grants	Endowment earnings	Educational activities	Auxiliary enterprises	Hospitals	Other current income
1	2	3	4	5	6	7	8	9	10	11	12
	In thousands										
Total [3]	**$130,035,326**	**$24,700,424**	**$14,320,821**	**$46,332,349**	**$5,084,957**	**$5,586,377**	**$785,993**	**$3,896,210**	**$12,299,834**	**$12,686,103**	**$4,342,257**
Research I universities [4]	48,412,659	7,487,782	7,106,045	13,568,550	233,805	3,109,941	500,477	2,120,263	4,906,133	8,031,208	1,348,454
Research II universities [4]	7,754,919	1,857,454	855,157	3,069,709	17,171	417,076	63,639	247,614	1,016,427	0	210,671
Doctoral universities	13,836,982	3,244,054	1,173,559	5,803,098	94,011	655,134	104,362	306,344	1,622,295	9,147	824,978
Master's	20,945,518	5,770,783	1,202,994	9,580,919	127,493	448,290	48,678	372,508	2,673,358	231,975	488,518
Baccalaureate	2,798,309	867,584	195,576	1,195,321	21,102	72,160	5,898	40,746	335,969	0	63,952
Associate of arts	23,284,908	4,972,664	1,232,415	10,172,889	4,394,833	242,299	18,242	166,495	1,362,839	0	722,233
Specialized institutions [5]	12,893,486	490,217	2,485,127	2,936,356	191,581	636,005	42,381	640,533	379,785	4,413,772	677,729
Health and medicine	10,906,156	322,077	1,227,056	2,671,951	165,482	609,998	40,294	634,090	251,165	4,342,020	642,025
Engineering	217,603	51,151	16,360	106,594	27	10,407	1,488	3,449	17,876	0	10,251
Business	32,422	7,094	1,496	17,665	50	603	10	2,650	2,516	0	338
Fine arts	131,951	36,603	746	40,016	22,264	1,972	42	94	12,812	0	17,401
Other specialized	1,605,353	73,292	1,239,469	100,130	3,758	13,024	548	250	95,416	71,753	7,713
Tribal colleges [6]	108,545	9,885	69,948	5,506	4,961	5,472	2,316	1,707	3,028	0	5,722
4-year	24,063	1,887	17,554	437	14	1,669	1,147	64	298	0	1,192
2-year	84,482	8,198	52,394	5,068	4,948	3,803	1,169	1,642	2,730	0	4,530
	Percentage distribution										
Total [3]	**100.00**	**19.00**	**11.01**	**35.63**	**3.91**	**4.30**	**0.60**	**3.00**	**9.46**	**9.76**	**3.34**
Research I universities [4]	100.00	15.47	14.68	28.03	0.48	6.42	1.03	4.38	10.13	16.59	2.79
Research II universities [4]	100.00	23.95	11.03	39.58	0.22	5.38	0.82	3.19	13.11	0.00	2.72
Doctoral universities	100.00	23.44	8.48	41.94	0.68	4.73	0.75	2.21	11.72	0.07	5.96
Master's	100.00	27.55	5.74	45.74	0.61	2.14	0.23	1.78	12.76	1.11	2.33
Baccalaureate	100.00	31.00	6.99	42.72	0.75	2.58	0.21	1.46	12.01	0.00	2.29
Associate of arts	100.00	21.36	5.29	43.69	18.87	1.04	0.08	0.72	5.85	0.00	3.10
Specialized institutions [5]	100.00	3.80	19.27	22.77	1.49	4.93	0.33	4.97	2.95	34.23	5.26
Health and medicine	100.00	2.95	11.25	24.50	1.52	5.59	0.37	5.81	2.30	39.81	5.89
Engineering	100.00	23.51	7.52	48.99	0.01	4.78	0.68	1.58	8.21	0.00	4.71
Business	100.00	21.88	4.61	54.48	0.15	1.86	0.03	8.17	7.76	0.00	1.04
Fine arts	100.00	27.74	0.57	30.33	16.87	1.49	0.03	0.07	9.71	0.00	13.19
Other specialized	100.00	4.57	77.21	6.24	0.23	0.81	0.03	0.02	5.94	4.47	0.48
Tribal colleges [6]	100.00	9.11	64.44	5.07	4.57	5.04	2.13	1.57	2.79	0.00	5.27
4-year	100.00	7.01	72.95	1.82	0.06	6.93	4.77	0.27	1.24	0.00	4.95
2-year	100.00	9.70	62.02	6.00	5.86	4.50	1.38	1.94	3.23	0.00	5.36
	Revenue per full-time-equivalent student										
Total [3]	**$16,682**	**$3,169**	**$1,837**	**$5,944**	**$652**	**$717**	**$101**	**$500**	**$1,578**	**$1,628**	**$557**
Research I universities [4]	33,723	5,216	4,950	9,452	163	2,166	349	1,477	3,417	5,594	939
Research II universities [4]	18,999	4,551	2,095	7,521	42	1,022	156	607	2,490	0	516
Doctoral universities	18,513	4,340	1,570	7,764	126	877	140	410	2,171	12	1,104
Master's	11,646	3,209	669	5,327	71	249	27	207	1,486	129	272
Baccalaureate	12,401	3,845	867	5,297	94	320	26	181	1,489	0	283
Associate of arts	7,608	1,625	403	3,324	1,436	79	6	54	445	0	236
Specialized institutions [5]	117,607	4,471	22,668	26,784	1,747	5,801	387	5,843	3,464	40,260	6,182
Health and medicine	218,889	6,464	24,627	53,627	3,321	12,243	809	12,726	5,041	87,145	12,886
Engineering	16,077	3,779	1,209	7,875	2	769	110	255	1,321	0	757
Business	10,693	2,340	493	5,826	16	199	3	874	830	0	112
Fine arts	12,854	3,566	73	3,898	2,169	192	4	9	1,248	0	1,695
Other specialized	48,684	2,223	37,588	3,037	114	395	17	8	2,894	2,176	234
Tribal colleges [6]	11,703	1,066	7,542	594	535	590	250	184	326	0	617
4-year	12,820	899	9,352	233	7	889	611	34	159	0	635
2-year	11,420	1,108	7,082	685	669	514	158	222	369	0	612

[1] Includes federally supported aid received through students.

[2] Includes appropriations, grants, contracts, and revenues associated with major federally funded research and development centers (FFRDC). Excludes Pell Grants.

[3] Preliminary data.

[4] Research institutions are committed to graduate education through the doctorate, and give high priority to research. Research I institutions receive $40 million or more annually in federal support. Research II institutions receive between $15.5 million and $40 million annually.

[5] Specialized institutions award baccalaureate or higher level degrees in specific fields of study.

[6] Tribally controlled colleges are located on reservations and are members of the American Indian Higher Education Consortium.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance, 1996–97" survey. (This table was prepared June 2000.)

Table 336.—Total revenue of private not-for-profit degree-granting institutions, by source of funds and type of institution: 1996–97

Type of institution	Total revenue and investment return	Student tuition and fees	Federal appropriations	State appropriations	Local appropriations	Federal grants and contracts	State grants and contracts	Local grants and contracts	Private gifts and grants[1]	Investment return	Educational activities	Auxiliary enterprises	Hospitals, independent operations, and other
1	2	3	4	5	6	7	8	9	10	11	12	13	14
In thousands													
Total[2]	**$91,116,136**	**$25,382,965**	**$122,665**	**$301,731**	**$2,566**	**$7,414,950**	**$629,380**	**$507,765**	**$11,278,548**	**$22,382,611**	**$2,179,647**	**$7,223,923**	**$13,689,387**
Research I universities[3]	38,986,900	5,126,124	0	86,970	432	5,215,736	184,042	218,010	4,099,808	11,240,486	1,522,954	1,877,720	9,414,618
Research II universities[3]	5,452,735	1,308,100	0	3,949	0	333,100	32,921	101	683,466	1,589,884	18,679	591,125	893,408
Doctoral universities	7,705,249	3,371,279	1,362	31,012	0	392,698	88,899	15,315	853,027	1,252,796	337,155	679,818	681,888
Master's	11,587,158	6,197,964	83,177	56,238	0	402,119	101,006	6,632	1,334,052	1,576,028	84,410	1,379,493	366,039
Baccalaureate	17,167,663	6,235,678	20,354	29,299	0	394,911	141,414	3,666	2,727,050	5,047,233	79,558	2,135,997	352,503
Associate of arts	1,006,533	469,940	1,116	4,085	0	55,222	18,381	978	151,131	110,668	15,579	80,098	99,334
Specialized institutions[4]	9,172,605	2,672,389	12,606	89,902	2,134	600,802	62,156	262,125	1,427,445	1,565,232	121,175	478,861	1,877,778
Religion and philosophy	1,678,527	335,419	478	19	0	15,782	2,814	738	548,566	575,675	8,614	148,087	42,334
Health and medicine	4,589,928	736,494	9,668	84,657	2,134	512,920	33,196	258,172	561,030	460,708	61,145	108,403	1,761,401
Engineering	339,529	123,186	600	696	0	23,569	3,761	91	51,691	102,936	1,435	24,057	7,508
Business	1,015,265	626,486	763	1,065	0	14,381	12,790	163	74,634	118,091	22,734	120,789	23,370
Fine arts	934,910	486,501	0	2,716	0	22,821	5,877	1,049	130,140	177,726	23,847	52,587	31,647
Other specialized	614,446	364,302	1,097	749	0	11,329	3,718	1,913	61,384	130,097	3,400	24,938	11,519
Tribal colleges[5]	37,293	3,490	4,050	276	0	20,361	560	938	2,568	285	136	811	3,818
4-year	14,007	1,961	2,335	272	0	6,447	175	0	1,322	0	117	311	1,067
2-year	23,286	1,529	1,715	4	0	13,914	385	938	1,246	285	19	500	2,752
Percentage distribution													
Total[2]	**100.0**	**27.9**	**0.1**	**0.3**	**0.0**	**8.1**	**0.7**	**0.6**	**12.4**	**24.6**	**2.4**	**7.9**	**15.0**
Research I universities[3]	100.0	13.1	0.0	0.2	0.0	13.4	0.5	0.6	10.5	28.8	3.9	4.8	24.1
Research II universities[3]	100.0	24.0	0.0	0.1	0.0	6.1	0.6	0.0	12.5	29.2	0.3	10.8	16.4
Doctoral universities	100.0	43.8	0.0	0.4	0.0	5.1	1.2	0.2	11.1	16.3	4.4	8.8	8.8
Master's	100.0	53.5	0.7	0.5	0.0	3.5	0.9	0.1	11.5	13.6	0.7	11.9	3.2
Baccalaureate	100.0	36.3	0.1	0.2	0.0	2.3	0.8	0.0	15.9	29.4	0.5	12.4	2.1
Associate of arts	100.0	46.7	0.1	0.4	0.0	5.5	1.8	0.1	15.0	11.0	1.5	8.0	9.9
Specialized institutions[4]	100.0	29.1	0.1	1.0	0.0	6.5	0.7	2.9	15.6	17.1	1.3	5.2	20.5
Religion and philosophy	100.0	20.0	0.0	0.0	0.0	0.9	0.2	0.0	32.7	34.3	0.5	8.8	2.5
Health and medicine	100.0	16.0	0.2	1.8	0.0	11.2	0.7	5.6	12.2	10.0	1.3	2.4	38.4
Engineering	100.0	36.3	0.2	0.2	0.0	6.9	1.1	0.0	15.2	30.3	0.4	7.1	2.2
Business	100.0	61.7	0.1	0.1	0.0	1.4	1.3	0.0	7.4	11.6	2.2	11.9	2.3
Fine arts	100.0	52.0	0.0	0.3	0.0	2.4	0.6	0.1	13.9	19.0	2.6	5.6	3.4
Other specialized	100.0	59.3	0.2	0.1	0.0	1.8	0.6	0.3	10.0	21.2	0.6	4.1	1.9
Tribal colleges[5]	100.0	9.4	10.9	0.7	0.0	54.6	1.5	2.5	6.9	0.8	0.4	2.2	10.2
4-year	100.0	14.0	16.7	1.9	0.0	46.0	1.2	0.0	9.4	0.0	0.8	2.2	7.6
2-year	100.0	6.6	7.4	0.0	0.0	59.8	1.7	4.0	5.4	1.2	0.1	2.1	11.8
Revenue per full-time-equivalent student													
Total[2]	**$38,142**	**$10,626**	**$51**	**$126**	**$1**	**$3,104**	**$263**	**$213**	**$4,721**	**$9,370**	**$912**	**$3,024**	**$5,731**
Research I universities[3]	112,951	14,851	0	252	1	15,111	533	632	11,878	32,566	4,412	5,440	27,276
Research II universities[3]	43,480	10,415	0	31	0	2,656	263	1	5,450	12,678	149	4,714	7,124
Doctoral universities	29,185	12,769	5	117	0	1,487	337	58	3,231	4,745	1,277	2,575	2,583
Master's	17,703	9,469	127	86	0	614	154	10	2,038	2,408	129	2,108	559
Baccalaureate	24,925	9,053	30	43	0	573	205	5	3,959	7,328	116	3,101	512
Associate of arts	18,091	8,446	20	73	0	993	330	18	2,716	1,989	280	1,440	1,785
Specialized institutions[4]	36,212	10,550	50	355	8	2,372	245	1,035	5,635	6,179	478	1,890	7,413
Religion and philosophy	24,738	4,943	7	0	0	233	41	11	8,085	8,484	127	2,183	624
Health and medicine	88,861	14,259	187	1,639	41	9,930	643	4,998	10,862	8,919	1,184	2,099	34,101
Engineering	26,468	9,603	47	54	0	1,837	293	7	4,030	8,024	112	1,875	585
Business	17,081	10,540	13	18	0	242	215	3	1,256	1,987	382	2,032	393
Fine arts	25,620	13,332	0	74	0	625	161	29	3,566	4,870	654	1,441	867
Other specialized	24,535	14,546	44	30	0	452	148	76	2,451	5,195	136	996	460
Tribal colleges[5]	18,435	1,725	2,002	136	0	10,065	277	463	1,270	141	67	401	1,888
4-year	18,877	2,643	3,147	366	0	8,689	236	0	1,782	0	158	419	1,438
2-year	18,178	1,194	1,339	3	0	10,862	301	732	973	222	15	390	2,148

[1] Includes contributions from affiliated entities.

[2] Preliminary data.

[3] Research institutions are committed to graduate education through the doctorate, and give high priority to research. Research I institutions receive $40 million or more annually in federal support. Research II institutions receive between $15.5 million and $40 million annually.

[4] Specialized institutions award baccalaureate or higher level degrees in specific fields of study.

[5] Tribally controlled colleges are located on reservations and are members of the American Indian Higher Education Consortium.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance, 1996–97" survey. (This table was prepared June 2000.)

Table 337.—Current-fund revenue of public degree-granting institutions, by state, 1980–81 to 1996–97

[In thousands]

State or other area	Institutions of higher education[1]								Degree-granting institutions[2]		
	1980–81	1985–86	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1995–96	1996–97[3]	Percent change, 1995–96 to 1996–97
1	2	3	4	5	6	7	8	9	10	11	12
United States	$43,195,617	$65,004,632	$94,904,506	$102,202,890	$108,186,484	$112,968,097	$119,312,493	$123,378,526	$123,501,152	$130,035,326	5.3
Alabama	889,121	1,401,693	2,131,005	2,296,665	2,521,938	2,614,224	2,805,154	2,852,401	2,852,401	3,016,630	5.8
Alaska	159,446	221,837	291,826	304,857	323,740	342,624	344,877	357,215	357,215	341,872	–4.3
Arizona	719,835	1,049,493	1,596,710	1,655,873	1,677,711	1,834,035	1,931,523	2,037,986	2,046,890	2,138,015	4.5
Arkansas	350,597	539,185	818,079	920,699	995,482	1,036,610	1,113,954	1,210,768	1,239,571	1,298,627	4.8
California	5,906,729	8,739,396	12,281,700	13,628,928	14,262,239	13,868,703	14,558,144	14,716,907	14,726,206	16,159,653	9.7
Colorado	747,040	1,085,076	1,483,901	1,594,541	1,714,698	1,803,735	1,914,233	2,027,721	2,027,721	2,134,848	5.3
Connecticut	378,527	578,866	889,831	940,067	976,380	1,020,170	1,148,389	1,179,290	1,177,959	1,267,044	7.6
Delaware	168,522	251,677	388,635	433,186	446,768	471,017	496,698	505,678	505,678	527,578	4.3
District of Columbia	66,138	84,144	95,729	100,038	98,170	99,749	103,770	100,393	105,037	105,308	0.3
Florida	1,202,788	1,810,090	2,944,935	3,049,921	3,202,499	3,411,727	3,584,085	3,790,131	3,777,158	4,060,831	7.5
Georgia	765,826	1,267,472	1,953,866	2,042,825	2,268,331	2,494,263	2,760,323	3,000,258	2,878,818	3,133,052	8.8
Hawaii	219,633	316,246	497,495	579,805	594,752	628,043	651,282	560,760	560,760	560,437	–0.1
Idaho	169,274	235,507	359,710	396,173	416,359	456,107	492,918	538,173	545,766	536,224	–1.7
Illinois	1,809,981	2,560,241	3,566,406	3,659,328	3,924,599	4,100,967	4,360,136	4,542,868	4,542,868	4,759,405	4.8
Indiana	1,094,560	1,701,421	2,494,029	2,767,477	2,882,592	3,009,908	3,080,345	2,857,055	2,857,055	3,043,171	6.5
Iowa	784,950	1,109,681	1,775,267	1,827,776	1,930,399	2,014,244	2,106,504	2,231,113	2,231,113	2,299,508	3.1
Kansas	594,104	864,119	1,219,129	1,297,129	1,350,052	1,469,872	1,553,593	1,606,739	1,618,071	1,673,883	3.4
Kentucky	671,414	943,068	1,450,958	1,565,021	1,576,644	1,656,119	1,778,568	1,881,064	1,881,064	2,099,372	11.6
Louisiana	735,374	1,055,941	1,447,772	1,553,258	1,821,190	1,844,187	1,968,668	1,937,787	1,998,340	2,088,496	4.5
Maine	157,370	222,624	373,770	375,512	384,730	398,639	400,426	410,472	413,730	438,283	5.9
Maryland	818,850	1,144,230	1,777,841	1,745,479	1,913,029	1,984,038	2,074,521	2,227,596	2,227,596	2,434,414	9.3
Massachusetts	582,873	1,075,348	1,457,142	1,525,943	1,639,854	1,491,921	1,586,319	1,684,869	1,691,648	1,785,039	5.5
Michigan	2,094,394	3,071,172	4,648,488	5,127,892	5,329,224	5,529,883	5,798,882	6,047,686	6,047,686	6,378,816	5.5
Minnesota	894,236	1,373,436	2,080,637	2,261,978	2,363,483	2,494,341	2,671,566	2,781,726	2,786,053	2,748,074	–1.4
Mississippi	543,209	734,813	1,005,448	1,054,530	1,150,201	1,215,602	1,443,162	1,488,765	1,500,350	1,563,096	4.2
Missouri	717,626	1,032,685	1,517,071	1,566,480	1,698,594	1,805,266	1,978,783	2,095,143	2,100,852	2,269,910	8.0
Montana	123,933	181,462	258,169	334,243	349,102	362,905	385,984	414,843	414,843	436,521	5.2
Nebraska	390,372	554,814	870,289	941,062	989,156	1,033,731	1,124,836	1,216,869	1,216,869	1,259,999	3.5
Nevada	113,298	184,883	336,841	368,245	392,258	412,884	484,276	492,276	492,276	540,908	9.9
New Hampshire	131,990	190,462	304,315	324,186	348,839	373,498	391,619	412,456	412,456	438,162	6.2
New Jersey	917,143	1,446,098	2,413,530	2,610,949	2,745,100	2,920,767	3,106,652	3,189,439	3,189,439	3,281,123	2.9
New Mexico	334,392	473,716	944,248	1,056,819	1,125,366	1,190,519	1,316,934	1,356,644	1,369,513	1,467,384	7.1
New York	2,519,437	3,830,119	5,424,379	5,616,604	6,117,555	6,574,152	6,887,321	6,861,111	6,861,111	6,944,550	1.2
North Carolina	1,146,931	1,857,124	2,650,124	2,873,684	3,113,193	3,299,213	3,521,601	3,640,049	3,640,049	3,916,232	7.6
North Dakota	196,267	286,550	377,960	411,293	431,464	431,381	467,926	445,128	445,128	463,343	4.1
Ohio	1,828,079	2,824,411	4,184,621	4,484,576	4,628,902	4,895,812	4,976,134	4,975,749	4,982,846	5,170,418	3.8
Oklahoma	588,936	873,446	1,072,967	1,190,393	1,209,863	1,257,552	1,300,779	1,382,711	1,382,711	1,489,909	7.8
Oregon	647,391	899,709	1,358,244	1,523,505	1,615,882	1,687,205	1,816,031	1,891,391	1,891,391	2,007,184	6.1
Pennsylvania	1,575,104	2,473,794	3,692,745	4,153,483	4,262,533	4,423,633	4,684,460	5,017,535	5,017,535	5,175,545	3.1
Rhode Island	156,451	213,859	292,404	308,383	325,003	329,277	344,171	354,437	354,437	368,303	3.9
South Carolina	630,966	957,771	1,502,709	1,629,876	1,733,468	1,924,747	1,997,203	1,960,481	1,960,481	2,094,901	6.9
South Dakota	127,839	147,699	198,583	219,751	241,536	260,907	260,853	266,880	297,342	299,932	0.9
Tennessee	675,770	1,104,118	1,634,491	1,672,605	1,839,384	1,961,312	2,053,495	2,110,517	2,111,127	2,183,733	3.4
Texas	2,858,725	4,558,275	6,015,609	6,654,828	7,126,068	7,688,388	8,123,435	8,775,323	8,779,578	9,122,544	3.9
Utah	431,294	686,817	1,020,836	1,160,882	1,224,127	1,307,681	1,402,962	1,489,664	1,489,664	1,588,631	6.6
Vermont	127,337	191,559	281,526	298,524	305,477	316,905	329,679	341,988	341,988	357,150	4.4
Virginia	1,159,453	1,876,151	2,902,939	3,041,850	3,176,437	3,323,028	3,483,691	3,609,275	3,609,275	3,873,770	7.3
Washington	998,146	1,445,849	2,188,366	2,355,445	2,539,934	2,744,035	2,877,386	3,004,118	3,040,757	3,230,984	6.3
West Virginia	318,915	385,170	563,796	608,294	631,619	666,268	693,159	733,332	734,283	761,068	3.6
Wisconsin	1,228,414	1,761,927	2,487,501	2,629,388	2,775,635	2,954,564	3,033,547	3,105,328	3,108,030	2,900,632	–6.7
Wyoming	140,520	208,595	251,760	271,290	270,515	278,270	293,209	298,526	298,526	303,013	1.5
U.S. Service Schools	586,095	920,790	1,128,158	1,181,348	1,204,411	1,253,468	1,248,328	1,361,895	1,361,895	1,497,802	10.0
Outlying areas	242,380	451,734	557,655	665,323	704,076	589,470	750,676	836,541	831,925	929,477	11.7
American Samoa	1,305	2,413	3,939	4,057	4,428	4,610	4,817	13,880	13,880	5,723	–58.8
Federated States of Micronesia	—	—	2,063	2,078	3,453	3,932	6,517	8,496	8,496	8,495	0.0
Guam	14,291	31,139	61,667	70,658	74,928	68,198	71,873	65,710	65,710	66,521	1.2
Marshall Islands	—	—	—	3,798	1,111	2,176	1,633	1,685	1,685	1,782	5.8
Northern Marianas	—	1,350	1,458	1,715	2,462	3,511	12,174	15,792	15,792	15,902	0.7
Palau	—	—	4,100	3,948	5,133	4,762	4,083	3,900	3,900	3,660	–6.2
Puerto Rico	213,012	392,194	428,768	518,747	581,128	468,739	615,912	691,409	686,792	790,977	15.2
Trust Territory of the Pacific	1,669	5,681	—	—	—	—	—	—	—	—	—
Virgin Islands	12,103	18,957	55,659	60,322	31,432	33,542	33,668	35,669	35,669	36,417	2.1

—Not available.

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

[3] Preliminary data.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared June 2000.)

Table 338.—Current-fund revenue of public degree-granting institutions, by source of funds and state: 1996–97

[In thousands]

State or other area	Total	Tuition and fees	Federal appropriations, grants, and contracts [1]	State appropriations, grants, and contracts	Local appropriations, grants, and contracts	Private gifts, grants, and contracts	Endowment income	Auxiliary enterprises	Hospitals	Educational activities and other
1	2	3	4	5	6	7	8	9	10	11
United States [2] ..	**$130,035,326**	**$24,700,424**	**$14,320,821**	**$46,332,349**	**$5,084,957**	**$5,586,377**	**$785,993**	**$12,299,834**	**$12,686,103**	**$8,238,467**
Alabama	3,016,630	437,476	347,778	918,111	12,800	99,851	21,953	206,680	802,922	169,059
Alaska	341,872	48,275	48,363	175,974	1,619	19,562	5,029	22,080	0	20,971
Arizona	2,138,015	468,660	277,539	754,064	249,093	106,683	5,378	191,050	0	85,548
Arkansas	1,298,627	179,731	89,021	511,877	4,228	35,199	1,620	103,922	304,455	68,575
California	16,159,653	2,101,216	1,585,764	5,815,338	1,544,086	559,508	91,584	960,399	2,130,508	1,371,248
Colorado	2,134,848	584,153	385,381	596,647	33,876	97,141	7,589	257,737	16,879	155,444
Connecticut	1,267,044	258,929	91,137	503,351	2	36,294	277	86,139	229,388	61,527
Delaware	527,578	186,771	49,006	153,347	8,232	20,345	22,392	65,654	0	21,831
District of Columbia	105,308	13,173	7,192	0	74,461	718	827	696	0	8,241
Florida	4,060,831	684,915	417,149	2,196,829	1,901	202,386	27	349,590	0	208,035
Georgia	3,133,052	479,664	308,003	1,546,997	20,638	165,710	2,892	266,962	249,887	92,298
Hawaii	560,437	85,213	108,641	279,752	878	16,397	1,912	55,448	0	12,196
Idaho	536,224	105,971	44,441	253,114	10,710	24,856	10,488	58,914	0	27,730
Illinois	4,759,405	863,571	431,353	1,667,420	443,888	150,068	5,638	474,315	270,262	452,890
Indiana	3,043,171	752,063	259,655	1,100,208	3,503	145,306	9,597	551,351	0	221,489
Iowa	2,299,508	342,283	282,740	710,259	29,380	78,570	3,667	241,679	450,732	160,199
Kansas	1,673,883	292,925	140,537	578,518	129,133	49,435	35,235	142,274	202,377	103,448
Kentucky	2,099,372	335,323	137,401	792,843	7,638	104,874	13,962	148,972	310,421	247,938
Louisiana	2,088,496	384,569	155,232	813,743	8,715	61,432	6,341	233,557	161,943	262,964
Maine	438,283	104,968	37,797	185,881	154	22,689	3,077	54,780	0	28,937
Maryland	2,434,414	641,815	298,976	823,907	141,236	95,624	8,358	296,890	0	127,609
Massachusetts	1,785,039	501,893	161,689	784,937	10,129	55,424	1,514	176,679	6,521	86,254
Michigan	6,378,816	1,447,105	644,814	1,708,903	220,840	324,184	48,294	760,313	876,673	347,689
Minnesota	2,748,074	527,567	280,796	1,059,395	3,555	220,137	9,882	284,568	173,548	188,626
Mississippi	1,563,096	230,947	157,904	630,859	35,423	42,057	1,621	166,556	237,357	60,372
Missouri	2,269,910	509,850	131,421	794,155	78,304	90,352	13,850	209,527	266,501	175,951
Montana	436,521	104,394	72,904	135,808	5,176	19,285	395	61,579	0	36,980
Nebraska	1,259,999	162,755	138,547	404,766	62,715	51,494	3,054	133,179	251,591	51,897
Nevada	540,908	91,297	53,106	260,673	8,469	28,264	2,566	59,479	0	37,053
New Hampshire	438,162	175,367	41,537	91,033	2,720	19,252	2,905	88,049	0	17,298
New Jersey	3,281,123	733,624	216,631	1,197,001	168,251	102,757	13,833	259,369	369,869	219,789
New Mexico	1,467,384	124,672	257,290	517,454	50,479	69,023	14,627	91,671	237,308	104,859
New York	6,944,550	1,641,098	506,997	2,615,764	406,933	278,771	16,121	420,022	888,963	169,879
North Carolina	3,916,232	453,551	430,605	1,889,790	92,219	184,793	21,790	722,521	0	120,962
North Dakota	463,343	93,069	75,848	157,759	584	22,895	3,092	68,754	0	41,342
Ohio	5,170,418	1,426,724	342,659	1,682,681	96,638	226,995	50,827	524,469	560,945	258,481
Oklahoma	1,489,909	234,045	240,063	649,585	19,003	59,064	4,632	221,174	0	62,343
Oregon	2,007,184	363,105	297,538	509,474	103,297	110,456	3,671	183,095	325,053	111,495
Pennsylvania	5,175,545	1,495,012	504,114	1,230,395	92,014	266,778	42,762	526,517	814,990	202,964
Rhode Island	368,303	114,525	44,108	136,871	0	8,066	0	50,059	0	14,673
South Carolina	2,094,901	399,443	176,862	717,562	30,423	73,462	2,493	196,120	415,449	83,087
South Dakota	299,932	73,567	40,419	116,526	111	11,055	1,237	32,862	0	24,153
Tennessee	2,183,733	356,055	170,302	909,528	15,856	109,792	17,589	192,462	311,056	101,093
Texas	9,122,544	1,506,276	927,477	3,713,247	497,257	396,529	166,054	580,685	301,008	1,034,012
Utah	1,588,631	202,721	194,141	466,002	1,796	84,613	14,254	122,791	285,244	217,069
Vermont	357,150	155,090	43,998	47,806	26	29,640	6,074	40,477	0	34,039
Virginia	3,873,770	817,053	354,804	979,514	15,261	203,227	36,787	514,105	877,936	75,083
Washington	3,230,984	591,525	498,209	1,105,646	28,884	155,576	13,025	379,178	284,563	174,377
West Virginia	761,068	185,677	81,361	351,092	1,304	25,309	0	89,949	0	26,377
Wisconsin	2,900,632	585,332	362,121	954,828	295,934	192,058	12,661	254,200	0	243,498
Wyoming	303,013	44,810	37,679	135,117	15,187	19,629	2,540	39,460	0	8,592
U.S. Service Schools	1,497,802	609	1,331,773	0	0	12,791	0	80,877	71,753	0
Outlying areas ..	929,477	90,452	146,178	623,480	17,370	11,366	8,977	14,838	0	16,816
American Samoa	5,723	1,043	1,359	0	3,018	54	83	165	0	0
Federated States of Micronesia	8,495	2,768	2,494	187	2,153	130	12	612	0	139
Guam	66,521	7,213	7,282	33,878	10,772	835	1,110	2,884	0	2,547
Marshall Islands	1,782	573	756	341	0	14	13	73	0	13
Northern Marianas	15,902	2,700	2,985	9,491	0	0	66	0	0	661
Palau	3,660	853	424	2,040	72	0	122	82	0	67
Puerto Rico	790,977	69,859	125,656	558,963	43	8,929	7,340	7,152	0	13,034
Virgin Islands	36,417	5,444	5,223	18,579	1,311	1,403	231	3,870	0	356

[1] Includes independent operations (federally funded research and development centers).

[2] Preliminary data.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance" survey. (This table was prepared June 2000.)

Table 339.—Appropriations from state and local governments for public degree-granting institutions, by state: 1986–87 to 1996–97

[In thousands]

State or other area	State appropriations						Local appropriations					
	1986–87[1]	1990–91[1]	1993-94[1]	1994–95[1]	1995–96[2]	1996–97[2]	1986–87[1]	1990–91[1]	1993-94[1]	1994–95[1]	1995–96[2]	1996–97[2]
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	**$28,974,665**	**$35,898,653**	**$37,565,065**	**$39,405,865**	**$40,081,437**	**$42,226,673**	**$2,289,420**	**$3,159,789**	**$4,021,421**	**$4,243,984**	**$4,397,098**	**$4,418,919**
Alabama	578,414	708,191	793,597	893,353	879,680	883,364	5,408	6,796	4,464	4,266	4,736	5,031
Alaska	137,263	168,395	175,337	172,463	171,580	170,344	252	260	616	713	693	681
Arizona	439,813	591,656	608,640	657,604	691,335	724,555	105,445	149,337	178,478	198,406	217,426	236,758
Arkansas	264,673	315,372	377,115	395,497	437,257	463,127	—	216	2,513	4,702	2,524	3,567
California	4,557,544	5,313,052	4,496,412	4,606,377	4,811,297	5,285,031	494,339	771,160	1,253,614	1,319,989	1,353,630	1,365,004
Colorado	311,402	423,710	445,496	460,730	497,663	526,802	15,192	22,400	24,613	27,809	28,786	29,528
Connecticut	281,045	363,427	359,722	451,210	462,183	486,523	—	—	—	—	—	—
Delaware	94,096	115,729	128,382	136,064	107,968	125,015	—	—	804	999	12,379	—
District of Columbia	—	—	—	—	—	—	70,215	73,495	66,449	69,337	68,257	67,422
Florida	1,195,127	1,638,218	1,692,248	1,805,882	1,898,618	2,024,793	—	1,850	4,677	3,751	116	52
Georgia	675,940	915,303	1,112,771	1,224,804	1,254,216	1,375,306	17,456	25,705	18,262	18,618	17,371	15,819
Hawaii	194,170	304,131	383,957	385,772	280,503	271,397	—	—	—	—	—	—
Idaho	121,857	177,918	196,847	218,578	223,108	234,505	5,549	6,161	9,487	10,102	10,435	10,520
Illinois	1,117,168	1,296,895	1,290,028	1,367,563	1,161,833	1,394,951	174,929	284,635	383,470	403,423	418,269	433,746
Indiana	667,295	886,124	933,408	936,630	977,517	1,027,850	817	1,507	2,290	2,382	2,831	3,408
Iowa	388,566	544,945	596,617	618,557	649,901	682,869	19,773	21,624	25,012	26,529	29,098	20,004
Kansas	317,425	437,413	478,847	500,747	528,243	536,390	67,979	87,026	106,172	115,389	117,684	119,414
Kentucky	463,039	617,915	651,533	672,986	690,328	732,906	3,576	4,682	5,785	5,106	6,041	6,026
Louisiana	484,346	566,798	572,390	610,705	603,825	666,505	1,695	1,462	2,524	3,126	8,061	4,178
Maine	122,808	174,737	160,727	153,863	158,044	168,008	831	—	—	—	27	—
Maryland	517,631	724,223	668,941	685,878	717,377	738,374	86,683	117,913	121,435	131,883	136,661	138,775
Massachusetts	599,800	471,368	554,484	606,191	669,102	728,817	233	—	48	93	1,779	3,065
Michigan	1,127,570	1,326,884	1,424,502	1,462,136	1,572,241	1,636,057	109,069	159,202	215,314	258,370	215,733	207,361
Minnesota	567,067	744,381	848,665	868,344	901,114	959,759	246	2,040	21,867	5,143	—	—
Mississippi	278,619	365,574	409,154	535,729	570,035	574,365	21,724	25,670	28,386	30,286	31,725	32,927
Missouri	442,527	583,430	579,585	624,028	669,832	726,543	38,363	38,097	63,394	69,373	72,895	76,951
Montana	87,378	110,199	124,228	118,848	121,730	124,946	3,126	3,310	4,019	4,104	3,526	3,550
Nebraska	214,778	318,482	351,988	361,069	382,465	394,006	37,010	36,569	46,895	49,735	53,004	56,437
Nevada	99,496	161,581	185,186	226,103	223,413	240,650	—	—	—	—	—	—
New Hampshire	54,275	71,226	75,189	78,490	79,376	83,495	103	6	—	—	—	—
New Jersey	704,721	854,989	986,616	1,030,214	1,045,117	1,042,476	97,222	145,010	155,788	159,908	156,011	160,278
New Mexico	199,247	307,083	358,189	397,463	413,344	474,793	24,610	34,364	38,860	40,643	42,363	44,497
New York	2,168,446	2,313,128	2,379,089	2,547,935	2,202,186	2,210,205	293,949	372,650	346,962	348,602	405,160	358,437
North Carolina	1,060,049	1,351,111	1,570,743	1,664,641	1,686,718	1,829,919	42,997	62,785	73,799	77,743	79,490	85,490
North Dakota	126,892	129,986	130,183	146,311	138,785	152,213	698	9	9	5	170	335
Ohio	1,098,188	1,360,141	1,323,256	1,403,112	1,488,806	1,574,033	40,249	63,899	81,755	98,374	120,161	86,111
Oklahoma	347,589	473,898	504,877	524,139	536,307	576,031	2,672	12,822	14,771	16,374	18,578	18,572
Oregon	294,932	377,476	405,006	437,230	442,603	458,761	93,901	118,499	108,930	95,352	82,282	90,957
Pennsylvania	778,379	962,121	1,028,622	1,083,273	1,110,896	1,117,954	52,511	62,794	75,014	80,330	78,912	84,822
Rhode Island	107,512	113,614	109,983	116,425	121,153	129,679	—	—	—	—	—	—
South Carolina	446,042	578,794	581,835	616,532	647,111	684,740	12,348	18,670	21,972	23,315	25,737	26,823
South Dakota	65,942	81,859	98,378	99,060	105,090	106,743	—	—	—	—	957	48
Tennessee	557,452	663,536	765,915	827,754	850,110	861,300	37	1,779	1,935	2,057	2,113	2,216
Texas	2,042,728	2,627,916	3,188,001	3,171,462	3,302,958	3,286,469	159,650	210,934	249,579	261,933	280,141	301,996
Utah	245,227	304,738	361,814	394,074	414,407	439,367	—	—	—	—	—	—
Vermont	33,764	40,997	40,881	40,667	42,400	42,505	—	4	13	114	62	—
Virginia	729,010	886,208	807,866	846,612	839,587	884,535	884	973	998	1,972	1,282	2,110
Washington	617,480	828,700	894,859	863,971	914,200	967,196	229	2,470	—	—	100	99
West Virginia	212,887	263,269	291,886	298,016	320,198	322,869	702	574	615	678	693	686
Wisconsin	648,722	841,192	938,775	935,211	937,513	945,373	176,778	197,712	246,471	258,949	275,712	293,208
Wyoming	108,322	120,623	122,297	125,560	130,162	132,256	9,975	12,721	13,363	14,005	13,489	14,013
U.S. Service Schools	—	—	—	—	—	—	—	—	—	—	—	—
Outlying areas	265,427	339,547	63,887	473,168	551,957	563,018	10,276	12,724	15,928	16,810	22,579	15,979
American Samoa	—	2,154	2,509	2,622	—	—	1,533	—	—	—	9,443	3,013
Federated States of Micronesia	—	—	—	—	11	7	—	—	1,061	2,372	2,978	2,153
Guam	11,617	28,283	33,587	35,091	29,975	29,425	6,803	10,028	11,469	11,761	10,118	10,772
Marshall Islands	—	—	419	313	324	341	—	—	—	—	—	—
Northern Marianas	—	—	—	5,817	8,164	8,455	—	—	940	—	—	—
Palau	—	644	697	1,993	2,040	2,040	—	—	—	—	—	—
Puerto Rico	243,054	277,295	9,587	410,244	493,833	504,450	1,940	2,375	2,459	2,677	40	40
Virgin Islands	10,757	31,170	17,087	17,087	17,610	18,300	—	320	—	—	—	—

—Not available.

[1] Data are for institutions of higher education, which are institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared June 2000.)

Table 340.—Current-fund revenue received from the federal government by the 120 degree-granting institutions receiving the largest amounts: 1995–96

[In thousands]

Institution	Rank order	Current-fund revenue from the federal government[1]	Institution	Rank order	Current-fund revenue from the federal government[1]
1	2	3	1	2	3
United States (all institutions)	(2)	**$23,939,075**			
120 institutions receiving the largest amounts	(2)	17,749,174			
California Institute of Technology	1	1,222,384	University of Colorado, Health Sciences Center	61	101,937
Johns Hopkins University (MD)	2	817,287	Purdue University, Main Campus (IN)	62	100,898
University of Chicago (IL)	3	700,181	University of Virginia, Main Campus	63	96,302
Massachusetts Institute of Technology	4	608,625	University of Hawaii at Manoa	64	93,741
Stanford University (CA)	5	462,069	Rutgers University, Central Office (NJ)	65	92,856
University of Washington	6	380,684	Oregon State University	66	91,603
University of Michigan, Ann Arbor	7	320,239	University of Texas, Southwestern Medical Center, Dallas	67	88,857
United States Air Force Academy (CO)	8	305,640	North Carolina State University at Raleigh	68	88,477
University of Miami (FL)	9	286,948	Uniformed Services University of the Health Sciences (MD)	69	88,464
United States Military Academy (NY)	10	283,007	State University of New York at Stony Brook	70	84,467
University of Wisconsin, Madison	11	273,630	Colorado State University	71	83,481
University of Southern California	12	272,429	University of Georgia	72	82,148
University of California, San Diego	13	272,426	Wake Forest University (NC)	73	81,458
University of California, Los Angeles	14	259,647	Tulane University of Louisiana	74	76,650
Harvard University (MA)	15	259,419	Cornell University, Statutory Colleges (NY)	75	73,773
Cornell University Medical Center (NY)	16	254,693	University of Texas Health Science Center	76	73,391
University of Pennsylvania	17	248,881	Virginia Polytechnic Institute and State University	77	73,340
Columbia University in the City of New York	18	239,546	Yeshiva University (NY)	78	71,317
University of Minnesota, Twin Cities	19	238,092	University of Tennessee, Knoxville	79	71,192
Georgetown University (DC)	20	236,866	New Mexico State University, Main Campus	80	70,316
University of California, San Francisco	21	231,890	University of Maryland, Baltimore Professional Schools	81	69,642
United States Naval Academy (MD)	22	228,590	Indiana University-Purdue University at Indianapolis	82	69,165
University of North Carolina, Chapel Hill	23	216,635	State University of New York at Buffalo	83	68,885
Yale University (CT)	24	202,483	University of California, Santa Barbara	84	68,610
Howard University (DC)	25	198,855	University of Kentucky	85	67,429
University of Pittsburgh, Main Campus (PA)	26	195,479	Washington State University	86	65,672
Princeton University (NJ)	27	192,874	Mount Sinai School of Medicine (NY)	87	65,242
Pennsylvania State University, Main Campus	28	188,380	Wayne State University (MI)	88	65,175
Duke University (NC)	29	187,672	City University of New York System Office	89	64,511
University of Illinois at Urbana	30	185,539	University of Cincinnati, Main Campus (OH)	90	64,317
University of California, Berkeley	31	183,503	Arizona State University, Main Campus	91	62,487
University of Arizona	32	176,863	Utah State University	92	61,984
University of Texas at Austin	33	173,225	University of Texas, Health Science Center, San Antonio	93	60,550
Washington University (MO)	34	173,216	University of Medicine and Dentistry of New Jersey	94	59,543
Cornell University, Endowed Colleges (NY)	35	147,520	Florida State University	95	59,278
University of Alabama at Birmingham	36	147,204	Virginia Commonwealth University	96	59,196
Ohio State University, Main Campus	37	140,525	Rush University (IL)	97	58,066
University of Iowa	38	138,791	University of Massachusetts, Amherst	98	57,999
Carnegie Mellon University (PA)	39	134,210	Gallaudet University (DC)	99	57,283
Georgia Institute of Technology, Main Campus	40	131,260	Thomas Jefferson University (PA)	100	56,475
University of Colorado at Boulder	41	129,225	The University of Texas Medical Branch, Galveston	101	55,805
University of New Mexico, Main Campus	42	126,582	Tufts University (MA)	102	55,611
Naval Postgraduate School (CA)	43	126,176	University of Nebraska at Lincoln	103	55,571
Case Western Reserve University (OH)	44	123,802	West Virginia University	104	53,928
Iowa State University	45	120,969	Indiana University, Bloomington	105	53,619
Texas A & M University	46	118,974	Brown University (RI)	106	53,051
University of California, Davis	47	118,234	Mississippi State University	107	53,017
Northwestern University (IL)	48	116,653	Clark Atlanta University (GA)	108	52,762
University of Rochester (NY)	49	114,837	Oregon Health Science University	109	48,150
University of Florida	50	114,069	University of Missouri, Columbia	110	48,141
New York University	51	113,818	Auburn University, Main Campus (AL)	111	48,047
Emory University (GA)	52	113,493	Dartmouth College (NH)	112	47,817
University of Maryland, College Park Campus	53	113,009	Central Michigan University	113	47,661
Vanderbilt University (TN)	54	112,906	Rochester Institute of Technology (NY)	114	47,429
Boston University (MA)	55	108,349	University of South Carolina at Columbia	115	46,963
Baylor College of Medicine (TX)	56	108,230	Air Force Institute of Technology (OH)	116	45,975
University of Oklahoma, Health Sciences Center	57	106,500	United States Army Command and General Staff College (KS)	117	44,911
University of Illinois at Chicago	58	104,366	Medical University of South Carolina	118	43,870
Michigan State University	59	104,093	University of Oregon	119	43,455
University of Utah	60	103,199	University of Connecticut	120	42,321

[1] Includes federal appropriations, unrestricted and restricted federal contracts and grants, and revenue for independent operations. Independent operations generally include only the revenues associated with major federally funded research and development centers. Excludes Pell Grants. Federally supported student aid that is received through students is excluded.

[2] Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance, 1995–96" survey. (This table was prepared October 1998.)

Table 341.—Current-fund expenditures and educational and general expenditures of degree-granting institutions, by purpose and per student: 1929–30 to 1995–96

[Columns 2 through 17 in thousands]

Year	Current-fund expenditures	Educational and general expenditures							
		Total	Administration and general expense	Instruction and departmental research	Organized research	Libraries	Plant operation and maintenance	Organized activities related to instructional departments[1]	Other sponsored programs[2]
1	2	3	4	5	6	7	8	9	10
	Institutions of higher education[6]								
1929–30	$507,142	$377,903	$42,633	$221,598	[7] $18,007	$9,622	$61,061	([8])	—
1931–32	536,523	420,633	47,232	232,645	[7] 21,978	11,379	56,797	[9] $21,297	—
1933–34	469,329	369,661	43,155	203,332	[7] 17,064	13,387	51,046	[9] 14,155	—
1935–36	541,391	419,883	48,069	225,143	[7] 22,091	15,531	56,802	[9] 20,241	—
1937–38	614,385	475,191	56,406	253,006	[7] 25,213	17,588	62,738	[9] 24,031	—
1939–40	674,688	521,990	62,827	280,248	[7] 27,266	19,487	69,612	[9] 27,225	—
1941–42	738,169	572,465	66,968	298,558	[7] 34,287	19,763	72,594	[9] 37,771	—
1943–44	974,118	753,846	69,668	334,189	[7] 58,456	20,452	81,201	[9] 48,415	[10] $97,044
1945–46	1,088,422	820,326	104,808	375,122	[7] 86,812	26,560	110,947	[9] 60,604	—
1947–48	1,883,269	1,391,594	171,829	657,945	[7] 159,090	44,208	201,996	[9] 85,346	—
1949–50	2,245,661	1,706,444	213,070	780,994	[7] 225,341	56,147	225,110	[9] 119,108	—
1951–52	2,471,008	1,960,481	233,844	823,117	[7] 317,928	60,612	240,446	[9] 147,854	—
1953–54	2,882,864	2,345,331	288,147	960,556	[7] 372,643	72,944	277,874	[9] 186,905	—
1955–56	3,499,463	2,861,858	355,207	1,140,655	[7] 500,793	85,563	324,229	[9] 222,007	—
1957–58	4,509,666	3,734,350	473,945	1,465,603	[7] 727,776	109,715	406,226	[9] 238,455	—
1959–60	5,601,376	4,685,258	583,224	1,793,320	[7] 1,022,353	135,384	469,943	[9] 294,255	—
1961–62	7,154,526	5,997,007	730,429	2,202,443	[7] 1,474,406	177,362	564,225	[9] 375,040	—
1963–64	9,177,677	7,725,433	957,512	2,801,707	[7] 1,973,383	236,718	686,054	[9] 458,507	—
1965–66	12,509,489	10,376,630	1,251,107	3,756,175	[7] 2,448,300	346,248	844,506	[9] 558,170	155,202
1966–67	14,230,341	10,724,974	1,445,074	4,356,413	1,565,102	415,903	969,275	591,848	350,950
1967–68	16,480,786	12,847,350	1,738,946	5,139,179	1,933,473	493,266	1,127,290	350,711	514,294
1968–69	18,481,583	14,718,140	2,277,585	5,941,972	2,034,074	571,572	1,337,903	535,269	668,483
1969–70	21,043,113	16,845,212	2,627,993	6,883,844	2,144,076	652,596	1,541,698	648,089	769,253
1970–71	23,375,197	18,714,642	2,983,911	7,804,410	2,209,338	716,212	1,730,664	693,011	890,507
1971–72	25,559,560	20,441,878	3,344,215	8,443,261	2,265,282	764,481	1,927,553	779,728	1,059,989
1972–73	27,955,624	22,400,379	3,713,068	9,243,641	2,394,261	840,727	2,141,162	791,290	1,284,085
1973–74	30,713,581	24,653,849	4,200,955	10,219,118	2,480,450	939,023	2,494,057	838,170	1,355,027
1974–75	35,057,563	27,547,620	4,495,391	11,797,823	3,132,132	1,001,868	2,786,768	1,253,824	—
1975–76	38,903,177	30,598,685	5,240,066	13,094,943	3,287,364	1,223,723	3,082,959	1,248,670	—
1976–77	42,599,816	33,151,681	5,590,669	14,031,145	3,600,067	1,250,314	3,436,705	1,544,646	—
1977–78	45,970,790	36,256,604	6,177,029	15,336,229	3,919,830	1,348,747	3,795,043	1,781,160	—
1978–79	50,720,984	39,833,116	6,832,004	16,662,820	4,447,760	1,426,614	4,178,574	2,044,386	—
1979–80	56,913,588	44,542,843	7,621,143	18,496,717	5,099,151	1,623,811	4,700,070	2,252,577	—
1980–81	64,052,938	50,073,805	8,681,513	20,733,166	5,657,719	1,759,784	5,350,310	2,513,502	—
1981–82	70,339,448	54,848,752	9,648,069	22,962,527	5,929,894	1,922,416	5,979,281	2,734,038	—
1982–83	75,935,749	58,929,218	10,412,233	24,673,293	6,265,280	2,039,671	6,391,596	3,047,220	—
1983–84	81,993,360	63,741,276	11,561,260	26,436,308	6,723,534	2,231,149	6,729,825	3,300,003	—
1984–85	89,951,263	70,061,324	12,765,452	28,777,183	7,551,892	2,361,793	7,345,482	3,712,460	—
1985–86	97,535,742	76,127,965	13,913,724	31,032,099	8,437,367	2,551,331	7,605,226	4,116,061	—
1986–87	105,763,557	82,955,555	15,060,576	33,711,146	9,352,309	2,441,184	7,819,032	5,134,267	—
1987–88	113,786,476	89,157,430	16,171,015	35,833,563	10,350,931	2,836,498	8,230,986	5,305,083	—
1988–89	123,867,184	96,803,377	17,309,956	38,812,690	11,432,170	3,009,870	8,739,895	5,894,409	—
1989–90	134,655,571	105,585,076	19,062,179	42,145,987	12,505,961	3,254,239	9,458,262	6,183,405	—
1990–91	146,087,836	114,139,901	20,751,966	45,496,117	13,444,040	3,343,892	10,062,581	6,706,881	—
1991–92	156,189,161	121,567,157	21,984,118	47,997,196	14,261,554	3,595,834	10,346,580	6,981,184	—
1992–93	165,241,040	128,977,968	23,414,977	50,340,914	15,291,309	3,684,852	10,783,727	7,388,118	—
1993–94	173,350,617	136,024,350	24,489,022	52,775,599	16,117,610	3,908,412	11,368,496	7,769,499	—
1994–95	182,968,610	144,158,002	25,904,821	55,719,707	17,109,541	4,165,761	11,745,905	8,112,930	—
1995–96	189,986,238	150,927,324	27,683,381	57,572,851	17,519,665	4,299,177	12,257,540	9,010,262	—
	Degree-granting institutions[12]								
1995–96	190,476,163	151,445,605	27,886,345	57,810,033	17,517,887	4,293,363	12,330,885	9,003,700	—

Table 341.—Current-fund expenditures and educational and general expenditures of degree-granting institutions, by purpose and per student: 1929–30 to 1995–96—Continued

[Columns 2 through 17 in thousands]

Year	Educational and general expenditures			Auxiliary enterprises	Independent operations[3]	Hospitals	Other current expenditures	Educational and general expenditures per student in fall enrollment[4]	
	Extension and public service	Scholarships and fellowships	Other general expenditures					Current dollars	Constant 1995–96 dollars[5]
1	11	12	13	14	15	16	17	18	19
	Institutions of higher education[6]								
1929–30	$24,982	(8)	—	$3,127	(7)	(9)	$126,112	$343	$3,099
1931–32	24,066	(8)	$5,239	90,897	(7)	(9)	24,993	364	3,906
1933–34	20,020	(8)	7,502	78,730	(7)	(9)	20,938	350	4,087
1935–36	29,426	(8)	2,580	95,332	(7)	(9)	26,176	348	3,907
1937–38	34,189	(8)	2,020	115,620	(7)	(9)	23,574	352	3,794
1939–40	35,325	(8)	—	124,184	(7)	(9)	28,514	349	3,862
1941–42	42,525	(8)	—	137,328	(7)	(9)	28,375	408	4,040
1943–44	44,421	(8)	—	199,344	(7)	(9)	20,928	653	5,786
1945–46	55,473	(8)	—	242,028	(7)	(9)	26,068	489	4,143
1947–48	71,180	(8)	—	438,988	(7)	(9)	52,687	595	3,946
1949–50	86,674	(8)	—	476,401	(7)	(9)	62,816	698	4,553
1951–52	97,408	$39,272	—	477,672	(7)	(9)	32,855	933	5,483
1953–54	112,227	74,035	—	537,533	(7)	(9)	—	1,051	6,039
1955–56	137,914	95,490	—	637,605	(7)	(9)	—	1,079	6,199
1957–58	175,256	129,935	7,439	775,316	(7)	(9)	—	1,124	6,078
1959–60	205,595	172,050	9,134	916,117	(7)	(9)	—	1,287	6,768
1961–62	244,337	228,765	—	1,157,517	(7)	(9)	—	1,447	7,437
1963–64	297,350	300,370	13,832	1,452,244	(7)	(9)	—	1,616	8,097
1965–66	438,385	425,524	153,013	1,887,744	(7)	(9)	[11]245,115	1,753	8,486
1966–67	226,566	583,390	220,453	2,060,130	$951,668	$253,790	[11]239,780	1,678	7,878
1967–68	597,544	712,425	240,222	2,302,419	765,495	290,000	[11]275,523	1,859	8,444
1968–69	536,527	814,755	—	2,539,183	697,317	526,943	—	1,959	8,486
1969–70	593,067	984,594	—	2,769,276	757,388	671,236	—	2,104	8,607
1970–71	588,390	1,098,198	—	2,988,407	829,596	842,552	—	2,181	8,482
1971–72	615,997	1,241,372	—	3,178,272	940,825	998,585	—	2,284	8,577
1972–73	669,735	1,322,411	—	3,337,789	1,033,746	1,183,709	—	2,431	8,773
1973–74	730,560	1,396,488	—	3,613,256	1,014,872	1,431,604	—	2,568	8,508
1974–75	1,097,788	1,449,542	532,485	4,073,590	1,085,590	2,350,763	—	2,694	8,038
1975–76	1,238,603	1,635,859	546,498	4,476,841	1,132,016	2,695,635	—	2,736	7,621
1976–77	1,343,404	1,770,214	584,515	4,858,328	1,434,738	3,155,069	—	3,010	7,925
1977–78	1,425,294	1,839,298	633,973	5,261,477	855,054	3,597,655	—	3,213	7,925
1978–79	1,593,097	1,944,599	703,262	5,749,974	1,007,119	4,130,775	—	3,538	7,979
1979–80	1,816,521	2,200,468	732,385	6,485,608	1,127,728	4,757,409	—	3,850	7,662
1980–81	2,057,770	2,504,525	815,516	7,288,089	1,257,934	5,433,111	—	4,139	7,383
1981–82	2,203,726	2,684,945	783,854	7,997,632	1,258,777	6,234,287	—	4,433	7,278
1982–83	2,320,478	2,922,897	856,548	8,614,316	1,406,126	6,986,089	—	4,742	7,465
1983–84	2,499,203	3,301,673	958,321	9,250,196	1,622,233	7,379,654	—	5,114	7,762
1984–85	2,861,095	3,670,355	1,015,613	10,012,248	1,867,550	8,010,141	—	5,723	8,360
1985–86	3,119,533	4,160,174	1,192,449	10,528,303	2,187,361	8,692,113	—	6,216	8,826
1986–87	3,448,453	4,776,100	1,212,488	11,037,333	2,597,655	9,173,014	—	6,635	9,215
1987–88	3,786,362	5,325,358	1,317,633	11,399,953	2,822,632	10,406,461	—	6,984	9,314
1988–89	4,227,323	5,918,666	1,458,397	12,280,063	2,958,962	11,824,782	—	7,415	9,453
1989–90	4,689,758	6,655,544	1,629,742	13,203,984	3,187,224	12,679,286	—	7,799	9,489
1990–91	5,076,177	7,551,184	1,707,063	14,272,247	3,349,824	14,325,865	—	8,260	9,529
1991–92	5,489,298	9,060,000	1,851,393	14,966,100	3,551,592	16,104,313	—	8,466	9,464
1992–93	5,935,095	10,148,373	1,990,603	15,561,508	3,651,891	17,049,672	—	8,903	9,651
1993–94	6,242,414	11,238,010	2,115,288	16,429,341	3,387,323	17,509,603	—	9,509	10,048
1994–95	6,691,485	12,285,328	2,422,524	17,204,917	3,534,332	18,071,359	—	10,096	10,371
1995–96	7,045,145	13,138,965	2,400,338	17,569,276	3,492,548	17,997,090	—	10,583	10,583
	Degree-granting institutions[12]								
1995–96	7,007,413	13,195,102	2,400,876	17,599,061	3,490,511	17,940,986	—	—	—

—Not available.

[1] Academic support excluding expenditures for libraries.

[2] Includes all separately budgeted programs, other than research, which are supported by sponsors outside the institution. Examples are training programs, workshops, and training and instructional institutes. For years not shown, most expenditures for these programs are included under "Extension and public service."

[3] Generally includes only those expenditures associated with federally funded research and development centers (FFRDCs).

[4] Data for 1929–30 to 1945–46 are based on school year enrollment.

[5] Data adjusted by the Consumer Price Index computed on a school year basis.

[6] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[7] Expenditures for federally funded research and development centers are included under "Organized research."

[8] Included under "Other current expenditures."

[9] Expenditures for hospitals included under "Organized activities related to instructional departments."

[10] Expenditures were for federal contract courses.

[11] Includes current expenditures for physical plant assets. In later years, the educational and general expenditures for physical plant assets are included under "Other general expenditures."

[12] Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

NOTE: The data in this table reflect limitations of data availability and comparability. Major changes in data collection forms in 1965–66 and 1974–75 cause significant data comparability problems among the three mostly consistent time periods, 1929–30 to 1963–64, 1965–66 to 1973–74, and 1974–75 to the present. The largest problems affect Hospitals, Independent operations, Organized research, Other sponsored programs, Extension and public service, and Scholarships and fellowships.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States;* Higher Education General Information Survey (HEGIS), *Financial Statistics of Institutions of Higher Education;* and Integrated Postsecondary Education Data System, "Finance" surveys. (This table was prepared October 1998.)

Table 342.—Expenditures of public degree-granting institutions, by purpose and type of institution: 1996–97

Type of institution	Current-fund expenditures	Educational and general expenditures					
		Total	Instruction	Research	Public service	Academic support	
						Total	Libraries only
1	2	3	4	5	6	7	8
	In thousands						
Total[2]	**$125,978,073**	**$101,554,184**	**$40,467,048**	**$12,767,351**	**$5,737,393**	**$9,635,380**	**$2,841,667**
Research I universities[3]	46,673,565	34,483,578	11,606,555	8,436,279	2,720,080	3,347,440	961,084
Research II universities[3]	7,672,748	6,623,101	2,426,740	1,141,835	528,100	706,966	222,774
Doctoral universities	13,289,015	11,570,383	4,362,669	1,314,047	700,645	1,222,376	388,815
Master's	20,405,039	17,545,557	7,799,482	583,858	646,036	1,707,709	618,977
Baccalaureate	2,299,127	2,009,105	809,424	31,568	75,201	210,857	73,358
Associate of arts	23,146,890	21,682,533	10,275,506	25,143	527,044	1,867,844	473,332
Specialized institutions[4]	12,388,680	7,539,310	3,154,285	1,233,905	537,894	561,411	101,662
Health and medicine	10,429,545	5,782,993	2,579,583	1,134,438	516,658	359,023	68,985
Engineering	220,970	200,085	80,226	21,519	4,126	16,103	5,882
Business	32,325	29,863	12,775	0	1,885	3,338	730
Fine arts	131,435	118,917	52,175	0	825	14,160	4,074
Other specialized	1,574,406	1,407,453	429,526	77,948	14,401	168,788	21,992
Tribal colleges[5]	103,010	100,616	32,387	717	2,393	10,775	1,666
4-year	24,348	23,995	6,762	73	354	2,142	378
2-year	78,662	76,620	25,625	644	2,039	8,633	1,287
	Percentage distribution of current-fund expenditures						
Total[2]	**100.00**	**80.61**	**32.12**	**10.13**	**4.55**	**7.65**	**2.26**
Research I universities[3]	100.00	73.88	24.87	18.08	5.83	7.17	2.06
Research II universities[3]	100.00	86.32	31.63	14.88	6.88	9.21	2.90
Doctoral universities	100.00	87.07	32.83	9.89	5.27	9.20	2.93
Master's	100.00	85.99	38.22	2.86	3.17	8.37	3.03
Baccalaureate	100.00	87.39	35.21	1.37	3.27	9.17	3.19
Associate of arts	100.00	93.67	44.39	0.11	2.28	8.07	2.04
Specialized institutions[4]	100.00	60.86	25.46	9.96	4.34	4.53	0.82
Health and medicine	100.00	55.45	24.73	10.88	4.95	3.44	0.66
Engineering	100.00	90.55	36.31	9.74	1.87	7.29	2.66
Business	100.00	92.38	39.52	0.00	5.83	10.33	2.26
Fine arts	100.00	90.48	39.70	0.00	0.63	10.77	3.10
Other specialized	100.00	89.40	27.28	4.95	0.91	10.72	1.40
Tribal colleges[5]	100.00	97.68	31.44	0.70	2.32	10.46	1.62
4-year	100.00	98.55	27.77	0.30	1.45	8.80	1.55
2-year	100.00	97.41	32.58	0.82	2.59	10.98	1.64
	Expenditure per full-time-equivalent student						
Total[2]	**$16,162**	**$13,029**	**$5,192**	**$1,638**	**$736**	**$1,236**	**$365**
Research I universities[3]	32,512	24,020	8,085	5,876	1,895	2,332	669
Research II universities[3]	18,798	16,226	5,945	2,797	1,294	1,732	546
Doctoral universities	17,780	15,481	5,837	1,758	937	1,636	520
Master's	11,345	9,755	4,337	325	359	950	344
Baccalaureate	8,632	7,543	3,039	119	282	792	275
Associate of arts	7,665	7,180	3,403	8	175	619	157
Specialized institutions[4]	113,002	68,769	28,772	11,255	4,906	5,121	927
Health and medicine	209,324	116,066	51,773	22,768	10,369	7,206	1,385
Engineering	16,326	14,783	5,927	1,590	305	1,190	435
Business	10,661	9,849	4,213	0	622	1,101	241
Fine arts	12,804	11,585	5,083	0	80	1,379	397
Other specialized	47,745	42,682	13,026	2,364	437	5,119	667
Tribal colleges[5]	11,106	10,848	3,492	77	258	1,162	180
4-year	12,972	12,784	3,603	39	189	1,141	202
2-year	10,633	10,357	3,464	87	276	1,167	174

Table 342.—Expenditures of public degree-granting institutions, by purpose and type of institution: 1996–97—Continued

Type of institution	Educational and general expenditures					Auxiliary enterprises	Hospitals	Independent operations[1]
	Student services	Institutional support	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers			
1	9	10	11	12	13	14	15	16
	In thousands							
Total[2]	**$6,243,190**	**$11,276,456**	**$8,300,512**	**$5,573,209**	**$1,553,644**	**$12,051,424**	**$12,113,610**	**$258,854**
Research I universities[3]	1,173,147	2,309,356	2,225,720	2,000,785	664,217	4,613,241	7,487,853	88,893
Research II universities[3]	311,678	542,774	474,517	397,192	93,299	1,048,122	0	1,524
Doctoral universities	643,197	1,562,184	848,359	741,423	175,484	1,696,796	21,835	0
Master's	1,412,525	2,173,377	1,653,782	1,253,328	315,460	2,622,401	224,080	13,000
Baccalaureate	198,127	285,992	208,967	151,684	37,286	290,022	0	0
Associate of arts	2,277,839	3,451,463	2,189,815	875,998	191,880	1,408,655	0	55,702
Specialized institutions[4]	214,057	930,078	687,565	145,069	75,046	369,793	4,379,842	99,735
Health and medicine	54,153	641,701	370,551	63,734	63,153	240,732	4,309,644	96,176
Engineering	11,569	24,389	22,122	12,264	7,766	17,331	0	3,554
Business	1,621	5,319	2,563	2,363	0	2,462	0	0
Fine arts	8,811	22,613	12,871	7,353	110	12,518	0	0
Other specialized	137,903	236,056	279,458	59,354	4,017	96,750	70,198	5
Tribal colleges[5]	12,621	21,233	11,787	7,731	972	2,394	0	0
4-year	5,717	5,033	3,003	911	0	353	0	0
2-year	6,903	16,199	8,785	6,820	972	2,041	0	0
	Percentage distribution of current-fund expenditures							
Total[2]	**4.96**	**8.95**	**6.59**	**4.42**	**1.23**	**9.57**	**9.62**	**0.21**
Research I universities[3]	2.51	4.95	4.77	4.29	1.42	9.88	16.04	0.19
Research II universities[3]	4.06	7.07	6.18	5.18	1.22	13.66	0.00	0.02
Doctoral universities	4.84	11.76	6.38	5.58	1.32	12.77	0.16	0.00
Master's	6.92	10.65	8.10	6.14	1.55	12.85	1.10	0.06
Baccalaureate	8.62	12.44	9.09	6.60	1.62	12.61	0.00	0.00
Associate of arts	9.84	14.91	9.46	3.78	0.83	6.09	0.00	0.24
Specialized institutions[4]	1.73	7.51	5.55	1.17	0.61	2.98	35.35	0.81
Health and medicine	0.52	6.15	3.55	0.61	0.61	2.31	41.32	0.92
Engineering	5.24	11.04	10.01	5.55	3.51	7.84	0.00	1.61
Business	5.01	16.45	7.93	7.31	0.00	7.62	0.00	0.00
Fine arts	6.70	17.20	9.79	5.59	0.08	9.52	0.00	0.00
Other specialized	8.76	14.99	17.75	3.77	0.26	6.15	4.46	0.00
Tribal colleges[5]	12.25	20.61	11.44	7.50	0.94	2.32	0.00	0.00
4-year	23.48	20.67	12.33	3.74	0.00	1.45	0.00	0.00
2-year	8.78	20.59	11.17	8.67	1.24	2.59	0.00	0.00
	Expenditure per full-time-equivalent student							
Total[2]	**$801**	**$1,447**	**$1,065**	**$715**	**$199**	**$1,546**	**$1,554**	**$33**
Research I universities[3]	817	1,609	1,550	1,394	463	3,213	5,216	62
Research II universities[3]	764	1,330	1,163	973	229	2,568	0	4
Doctoral universities	861	2,090	1,135	992	235	2,270	29	0
Master's	785	1,208	920	697	175	1,458	125	7
Baccalaureate	744	1,074	785	570	140	1,089	0	0
Associate of arts	754	1,143	725	290	64	466	0	18
Specialized institutions[4]	1,953	8,484	6,272	1,323	685	3,373	39,950	910
Health and medicine	1,087	12,879	7,437	1,279	1,267	4,832	86,496	1,930
Engineering	855	1,802	1,634	906	574	1,280	0	263
Business	535	1,754	845	779	0	812	0	0
Fine arts	858	2,203	1,254	716	11	1,219	0	0
Other specialized	4,182	7,159	8,475	1,800	122	2,934	2,129	0
Tribal colleges[5]	1,361	2,289	1,271	833	105	258	0	0
4-year	3,046	2,682	1,600	485	0	188	0	0
2-year	933	2,190	1,187	922	131	276	0	0

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[1] Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).

[2] Preliminary data.

[3] Research institutions are committed to graduate education through the doctorate, and give high priority to research. Research I institutions receive $40 million or more annually in federal support. Research II institutions receive between $15.5 million and $40 million annually.

[4] Specialized institutions award baccalaureate or higher level degrees in specific fields of study.

[5] Tribally controlled colleges are located on reservations. They are members of the American Indian Higher Education Consortium.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance, 1996–97" survey. (This table was prepared June 2000.)

Table 343.—Current-fund expenditures and expenditures per full-time-equivalent student in institutions of higher education, by type and control of institution: 1970–71 to 1995–96

Control of institution and year	All institutions			4-year institutions			2-year institutions		
	Current-fund expenditures, in millions		Current-fund expenditures per student, in constant 1995–96 dollars	Current-fund expenditures, in millions		Current-fund expenditures per student, in constant 1995–96 dollars	Current-fund expenditures, in millions		Current-fund expenditures per student, in constant 1995–96 dollars
	Unadjusted dollars	Constant 1995–96 dollars		Unadjusted dollars	Constant 1995–96 dollars		Unadjusted dollars	Constant 1995–96 dollars	
1	2	3	4	5	6	7	8	9	10
All institutions									
1970–71	$23,375	$96,221	$14,281	$21,049	$86,644	$16,839	$2,327	$9,577	$6,014
1975–76	38,903	116,642	13,755	33,811	101,375	17,181	5,092	15,267	5,919
1977–78	45,971	121,259	14,409	39,899	105,242	17,732	6,072	16,017	6,458
1978–79	50,721	124,680	14,934	44,163	108,560	18,300	6,558	16,120	6,672
1979–80	56,914	127,266	14,995	49,661	111,048	18,458	7,253	16,218	6,563
1980–81	64,053	129,375	14,670	55,840	112,787	18,306	8,212	16,588	6,241
1981–82	70,339	129,817	14,401	61,333	113,196	18,112	9,006	16,621	6,012
1982–83	75,936	131,597	14,474	66,238	114,791	18,370	9,697	16,806	5,912
1983–84	81,993	135,586	14,792	71,680	118,532	18,740	10,314	17,055	6,003
1984–85	89,951	140,691	15,717	78,744	123,162	19,572	11,207	17,529	6,592
1985–86	97,536	145,339	16,251	85,560	127,494	20,255	11,976	17,845	6,736
1986–87	105,764	151,603	16,726	92,985	133,286	20,956	12,779	18,318	6,775
1987–88	113,786	156,377	16,943	100,143	137,627	21,217	13,644	18,751	6,835
1988–89	123,867	161,643	17,079	109,141	142,426	21,372	14,726	19,217	6,863
1989–90	134,656	165,737	16,945	118,578	145,949	21,420	16,077	19,788	6,669
1990–91	146,088	170,830	17,111	128,594	150,374	21,581	17,494	20,457	6,784
1991–92	156,189	176,566	17,042	137,375	155,297	21,930	18,814	21,269	6,486
1992–93	165,241	181,242	17,366	145,300	159,370	22,354	19,941	21,872	6,613
1993–94	173,351	183,966	17,772	152,164	161,482	22,677	21,187	22,484	6,960
1994–95	182,969	188,404	18,207	160,891	165,671	23,212	22,078	22,734	7,081
1995–96	189,986	189,986	18,383	167,044	167,044	23,288	22,942	22,942	7,255
Public institutions									
1970–71	14,996	61,730	12,463	12,899	53,097	15,308	2,097	8,633	5,815
1975–76	26,184	78,507	12,037	21,392	64,139	15,811	4,792	14,368	5,827
1977–78	30,725	81,045	12,670	25,013	65,978	16,335	5,712	15,067	6,391
1978–79	33,733	82,921	13,206	27,600	67,846	16,978	6,132	15,075	6,603
1979–80	37,768	84,454	13,211	30,979	69,273	17,065	6,789	15,181	6,506
1980–81	42,280	85,397	12,857	34,677	70,042	16,844	7,602	15,355	6,182
1981–82	46,219	85,301	12,579	37,890	69,928	16,616	8,330	15,373	5,975
1982–83	49,573	85,910	12,541	40,616	70,387	16,677	8,957	15,523	5,902
1983–84	53,087	87,785	12,757	43,588	72,078	16,897	9,499	15,707	6,005
1984–85	58,315	91,209	13,644	48,017	75,102	17,722	10,298	16,106	6,583
1985–86	63,194	94,166	14,123	52,184	77,760	18,341	11,010	16,406	6,756
1986–87	67,654	96,976	14,307	56,003	80,275	18,688	11,651	16,701	6,727
1987–88	72,641	99,831	14,390	60,137	82,646	18,801	12,505	17,185	6,761
1988–89	78,946	103,022	14,516	65,349	85,278	18,926	13,597	17,743	6,848
1989–90	85,771	105,568	14,321	70,865	87,222	18,880	14,906	18,346	6,667
1990–91	92,961	108,706	14,383	76,722	89,716	18,927	16,239	18,990	6,739
1991–92	98,847	111,743	14,212	81,334	91,945	19,172	17,513	19,798	6,455
1992–93	104,570	114,696	14,497	86,065	94,399	19,675	18,505	20,297	6,518
1993–94	109,310	116,003	14,849	89,697	95,190	19,973	19,612	20,813	6,832
1994–95	115,465	118,895	15,274	94,895	97,714	20,573	20,570	21,181	6,979
1995–96	119,401	119,401	15,403	97,901	97,901	20,579	21,500	21,500	7,180
Private institutions									
1970–71	8,379	34,492	19,327	8,150	33,547	20,006	230	945	8,763
1975–76	12,719	38,136	19,483	12,419	37,237	20,194	300	899	7,923
1977–78	15,246	40,214	19,919	14,885	39,264	20,709	360	950	7,733
1978–79	16,988	41,759	20,181	16,563	40,714	21,027	425	1,046	7,861
1979–80	19,146	42,812	20,438	18,682	41,775	21,349	464	1,037	7,519
1980–81	21,773	43,978	20,204	21,163	42,745	21,340	610	1,232	7,098
1981–82	24,120	44,516	19,934	23,444	43,268	21,196	676	1,248	6,505
1982–83	26,363	45,687	20,386	25,623	44,404	21,893	740	1,283	6,028
1983–84	28,907	47,801	20,920	28,092	46,453	22,557	815	1,348	5,976
1984–85	31,637	49,482	21,827	30,727	48,059	23,389	910	1,423	6,705
1985–86	34,342	51,173	22,487	33,376	49,734	24,205	966	1,439	6,515
1986–87	38,110	54,627	23,895	36,982	53,011	25,673	1,128	1,617	7,305
1987–88	41,145	56,546	24,671	40,006	54,980	26,297	1,139	1,566	7,779
1988–89	44,922	58,621	24,762	43,792	57,147	26,477	1,130	1,474	7,053
1989–90	48,885	60,169	24,974	47,713	58,727	26,770	1,172	1,442	6,691
1990–91	53,127	62,125	25,614	51,872	60,658	27,226	1,255	1,467	7,428
1991–92	57,342	64,823	25,952	56,041	63,352	27,716	1,301	1,471	6,937
1992–93	60,671	66,546	26,354	59,235	64,971	27,867	1,436	1,575	8,135
1993–94	64,041	67,963	26,767	62,466	66,292	28,150	1,575	1,671	9,077
1994–95	67,504	69,509	27,113	65,996	67,957	28,460	1,508	1,552	8,828
1995–96	70,585	70,585	27,325	69,143	69,143	28,623	1,442	1,442	8,609

NOTE: Constant dollars adjusted by the Higher Education Price Index. Data are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" and "Fall Enrollment in Colleges and Universities" surveys; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" and "Finance" surveys; and Research Associates of Washington, unpublished data. (This table was prepared October 1998.)

Table 344.—Total expenditures of private not-for-profit degree-granting institutions, by purpose and type of institution: 1996–97

Type of institution	Total expenditures	Instruction	Research	Public service	Academic support	Student services	Institutional support	Operation and maintenance of plant	Auxiliary enterprises	Scholarships and fellowships	Hospital services and independent operations
1	2	3	4	5	6	7	8	9	10	11	12
	In thousands										
Total[1]	**$67,157,890**	**$21,137,218**	**$6,702,532**	**$1,621,847**	**$4,939,524**	**$4,436,381**	**$8,238,473**	**$1,742,515**	**$7,088,448**	**$1,531,986**	**$9,718,964**
Research I universities[2]	27,350,976	7,347,840	5,100,325	627,769	1,683,659	782,646	1,928,807	193,892	1,981,045	181,935	7,523,059
Research II universities[2]	3,879,894	1,266,166	370,746	38,262	225,104	174,271	436,740	83,448	549,560	70,863	664,734
Doctoral universities	6,284,301	2,302,478	384,003	290,591	749,644	416,815	973,711	144,731	710,409	147,499	164,420
Master's	9,486,813	3,568,647	161,352	148,351	641,807	1,074,099	1,605,075	348,481	1,315,871	302,384	120,746
Baccalaureate	11,806,034	3,959,191	100,649	86,150	922,507	1,414,064	2,065,075	569,420	1,997,591	606,241	85,146
Associate of arts	861,853	284,605	5,708	3,936	45,588	140,060	154,495	59,240	73,727	30,806	63,688
Specialized institutions[3]	7,450,978	2,399,409	579,676	421,789	468,233	429,654	1,069,005	340,715	457,893	187,434	1,097,171
Religion and philosophy	1,083,557	315,769	4,353	11,500	100,560	81,997	265,582	93,364	133,744	69,970	6,717
Health and medicine	4,059,967	1,236,881	546,206	380,627	154,170	92,497	335,491	140,505	98,655	25,771	1,049,164
Engineering	268,428	95,853	22,485	1,441	22,353	21,471	53,543	19,994	27,560	3,728	0
Business	860,056	280,901	192	4,656	73,880	135,575	184,759	30,906	113,605	11,714	23,866
Fine arts	718,965	278,212	239	9,965	54,653	59,347	138,036	36,669	61,779	64,540	15,525
Other specialized	460,006	191,792	6,200	13,600	62,617	38,767	91,593	19,276	22,549	11,711	1,900
Tribal colleges[4]	37,040	8,863	73	5,000	2,982	4,773	5,566	2,588	2,351	4,824	0
4-year	13,974	4,130	0	3,166	760	613	1,987	446	448	2,425	0
2-year	23,066	4,753	73	1,834	2,222	4,160	3,579	2,142	1,903	2,399	0
	Percentage distribution										
Total[1]	**100.0**	**31.5**	**10.0**	**2.4**	**7.4**	**6.6**	**12.3**	**2.6**	**10.6**	**2.3**	**14.5**
Research I universities[2]	100.0	26.9	18.6	2.3	6.2	2.9	7.1	0.7	7.2	0.7	27.5
Research II universities[2]	100.0	32.6	9.6	1.0	5.8	4.5	11.3	2.2	14.2	1.8	17.1
Doctoral universities	100.0	36.6	6.1	4.6	11.9	6.6	15.5	2.3	11.3	2.3	2.6
Master's	100.0	37.6	1.7	1.6	8.9	11.3	16.9	3.7	13.9	3.2	1.3
Baccalaureate	100.0	33.5	0.9	0.7	7.8	12.0	17.5	4.8	16.9	5.1	0.7
Associate of arts	100.0	33.0	0.7	0.5	5.3	16.3	17.9	6.9	8.6	3.6	7.4
Specialized institutions[3]	100.0	32.2	7.8	5.7	6.3	5.8	14.3	4.6	6.1	2.5	14.7
Religion and philosophy	100.0	29.1	0.4	1.1	9.3	7.6	24.5	8.6	12.3	6.5	0.6
Health and medicine	100.0	30.5	13.5	9.4	3.8	2.3	8.3	3.5	2.4	0.6	25.8
Engineering	100.0	35.7	8.4	0.5	8.3	8.0	19.9	7.4	10.3	1.4	0.0
Business	100.0	32.7	0.0	0.5	8.6	15.8	21.5	3.6	13.2	1.4	2.8
Fine arts	100.0	38.7	0.0	1.4	7.6	8.3	19.2	5.1	8.6	9.0	2.2
Other specialized	100.0	41.7	1.3	3.0	13.6	8.4	19.9	4.2	4.9	2.5	0.4
Tribal colleges[4]	100.0	24.0	0.2	13.5	8.1	12.9	15.0	7.0	6.3	13.0	0.0
4-year	100.0	29.6	0.0	22.7	5.4	4.4	14.2	3.2	3.2	17.4	0.0
2-year	100.0	20.6	0.3	8.0	9.6	18.0	15.5	9.3	8.3	10.4	0.0
	Expenditure per full-time equivalent student										
Total[1]	**$28,113**	**$8,848**	**$2,806**	**$679**	**$2,068**	**$1,857**	**$3,449**	**$729**	**$2,967**	**$641**	**$4,068**
Research I universities[2]	79,240	21,288	14,776	1,819	4,878	2,267	5,588	562	5,739	527	21,796
Research II universities[2]	30,938	10,096	2,956	305	1,795	1,390	3,483	665	4,382	565	5,301
Doctoral universities	23,803	8,721	1,454	1,101	2,839	1,579	3,688	548	2,691	559	623
Master's	14,494	5,452	247	227	1,286	1,641	2,452	532	2,010	462	184
Baccalaureate	17,141	5,748	146	125	1,339	2,053	2,998	827	2,900	880	124
Associate of arts	15,490	5,115	103	71	819	2,517	2,777	1,065	1,325	554	1,145
Specialized institutions[3]	29,415	9,472	2,288	1,665	1,849	1,696	4,220	1,345	1,808	740	4,331
Religion and philosophy	15,970	4,654	64	169	1,482	1,208	3,914	1,376	1,971	1,031	99
Health and medicine	78,601	23,946	10,575	7,369	2,985	1,791	6,495	2,720	1,910	499	20,312
Engineering	20,925	7,472	1,753	112	1,742	1,674	4,174	1,559	2,148	291	0
Business	14,470	4,726	3	78	1,243	2,281	3,108	520	1,911	197	402
Fine arts	19,703	7,624	7	273	1,498	1,626	3,783	1,005	1,693	1,769	425
Other specialized	18,368	7,658	248	543	2,500	1,548	3,657	770	900	468	76
Tribal colleges[4]	18,310	4,391	36	2,471	1,474	2,359	2,751	1,279	1,162	2,384	0
4-year	18,833	5,566	0	4,266	1,024	826	2,678	601	604	3,268	0
2-year	18,006	3,710	57	1,432	1,735	3,247	2,794	1,672	1,486	1,873	0

[1] Preliminary data.

[2] Research institutions are committed to graduate education through the doctorate, and give high priority to research. Research I institutions receive $40 million or more annually in federal support. Research II institutions receive between $15.5 million and $40 million annually.

[3] Specialized institutions award baccalaureate or higher level degrees in specific fields of study.

[4] Tribally controlled colleges are located on reservations. They are members of the American Indian Higher Education Consortium.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance, 1996–97" survey. (This table was prepared June 2000.)

Table 345.—Current-fund expenditures of degree-granting institutions, by purpose: 1980–81 to 1995–96

Purpose	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10
	In thousands								
Total current-fund expenditures	**$64,052,938**	**$97,535,742**	**$134,655,571**	**$146,087,836**	**$156,189,161**	**$165,241,040**	**$173,350,617**	**$182,968,610**	**$190,476,163**
Educational and general expenditures	50,073,805	76,127,965	105,585,076	114,139,901	121,567,157	128,977,968	136,024,350	144,158,002	151,445,605
Instruction	20,733,166	31,032,099	42,145,987	45,496,117	47,997,196	50,340,914	52,775,599	55,719,707	57,810,033
Research	5,657,719	8,437,367	12,505,961	13,444,040	14,261,554	15,291,309	16,117,610	17,109,541	17,517,887
Public service	2,057,770	3,119,533	4,689,758	5,076,177	5,489,298	5,935,095	6,242,414	6,691,485	7,007,413
Academic support	4,273,286	6,667,392	9,437,644	10,050,773	10,577,018	11,072,970	11,677,911	12,278,691	13,297,063
Libraries	1,759,784	2,551,331	3,254,239	3,343,892	3,595,834	3,684,852	3,908,412	4,165,761	4,293,363
Student services	2,908,998	4,562,938	6,388,148	7,025,482	7,509,094	8,165,079	8,562,783	9,059,994	9,630,576
Institutional support	5,772,515	9,350,786	12,674,031	13,726,484	14,475,023	15,249,898	15,926,239	16,844,827	18,255,769
Operation and maintenance of plant	5,350,310	7,605,226	9,458,262	10,062,581	10,346,580	10,783,727	11,368,496	11,745,905	12,330,885
Scholarships and fellowships	2,504,525	4,160,174	6,655,544	7,551,184	9,060,000	10,148,373	11,238,010	12,285,328	13,195,102
From unrestricted funds	1,080,614	2,285,116	3,853,904	4,445,106	5,205,797	5,949,037	6,644,717	7,329,384	8,213,049
From restricted funds [1]	1,423,911	1,875,059	2,801,640	3,106,078	3,854,203	4,199,337	4,593,293	4,955,944	4,982,054
Mandatory transfers	815,516	1,192,449	1,629,742	1,707,063	1,851,393	1,990,603	2,115,288	2,422,524	2,400,876
Auxiliary enterprises	7,288,089	10,528,303	13,203,984	14,272,247	14,966,100	15,561,508	16,429,341	17,204,917	17,599,061
Mandatory transfers	508,377	617,171	836,852	936,876	1,003,299	1,109,549	1,158,848	1,228,278	1,145,366
Hospitals	5,433,111	8,692,113	12,679,286	14,325,865	16,104,313	17,049,672	17,509,603	18,071,359	17,940,986
Mandatory transfers	57,963	128,833	222,192	274,452	333,714	308,059	344,665	346,072	268,439
Independent operations (FFRDC) [2]	1,257,934	2,187,361	3,187,224	3,349,824	3,551,592	3,651,891	3,387,323	3,534,332	3,490,511
Mandatory transfers	643	3,432	5,812	5,645	3,396	2,271	2,354	2,373	2,123
	Percentage distribution								
Total current-fund expenditures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Educational and general expenditures	78.2	78.1	78.4	78.1	77.8	78.1	78.5	78.8	79.5
Instruction	32.4	31.8	31.3	31.1	30.7	30.5	30.4	30.5	30.4
Research	8.8	8.7	9.3	9.2	9.1	9.3	9.3	9.4	9.2
Public service	3.2	3.2	3.5	3.5	3.5	3.6	3.6	3.7	3.7
Academic support	6.7	6.8	7.0	6.9	6.8	6.7	6.7	6.7	7.0
Libraries	2.7	2.6	2.4	2.3	2.3	2.2	2.3	2.3	2.3
Student services	4.5	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.1
Institutional support	9.0	9.6	9.4	9.4	9.3	9.2	9.2	9.2	9.6
Operation and maintenance of plant	8.4	7.8	7.0	6.9	6.6	6.5	6.6	6.4	6.5
Scholarships and fellowships	3.9	4.3	4.9	5.2	5.8	6.1	6.5	6.7	6.9
From unrestricted funds	1.7	2.3	2.9	3.0	3.3	3.6	3.8	4.0	4.3
From restricted funds [1]	2.2	1.9	2.1	2.1	2.5	2.5	2.6	2.7	2.6
Mandatory transfers	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3
Auxiliary enterprises	11.4	10.8	9.8	9.8	9.6	9.4	9.5	9.4	9.2
Mandatory transfers	0.8	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6
Hospitals	8.5	8.9	9.4	9.8	10.3	10.3	10.1	9.9	9.4
Mandatory transfers	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Independent operations (FFRDC) [2]	2.0	2.2	2.4	2.3	2.3	2.2	2.0	1.9	1.8
Mandatory transfers	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)

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[1] Excludes Pell Grants.

[2] Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).

[3] Less than 0.05 percent.

NOTE: Data for 1980–81 to 1994–95 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 346.—Current-fund expenditures of public degree-granting institutions, by purpose: 1980–81 to 1996–97

Purpose	1980–81	1985–86	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97[1]
1	2	3	4	5	6	7	8	9	10
	In thousands								
Total current-fund expenditures	**$42,279,806**	**$63,193,853**	**$92,961,093**	**$98,847,180**	**$104,570,101**	**$109,309,541**	**$115,464,975**	**$119,524,500**	**$125,978,073**
Educational and general expenditures	34,173,013	50,872,962	74,395,428	78,554,534	83,210,979	87,139,226	92,173,768	96,085,623	101,554,184
Instruction	14,849,822	21,880,782	31,371,394	32,828,420	34,260,177	35,688,497	37,599,194	38,653,245	40,467,048
Research	3,813,350	5,705,144	9,364,213	9,948,580	10,604,973	11,180,363	11,829,665	12,076,357	12,767,351
Public service	1,718,924	2,515,734	3,990,232	4,285,501	4,563,397	4,741,719	5,034,445	5,321,014	5,737,393
Academic support	3,029,284	4,693,543	6,933,847	7,274,159	7,613,244	8,035,556	8,463,236	9,004,113	9,635,380
Libraries	1,187,116	1,685,052	2,167,161	2,284,520	2,329,625	2,449,109	2,614,609	2,690,547	2,841,667
Student services	1,950,566	2,921,758	4,398,365	4,690,921	5,173,239	5,315,370	5,614,011	5,810,403	6,243,190
Institutional support	3,563,194	5,667,144	8,030,642	8,423,156	9,049,589	9,328,236	9,929,007	10,710,279	11,276,456
Operation and maintenance of plant	3,681,921	5,177,254	6,655,605	6,790,215	7,076,805	7,433,185	7,868,919	8,005,101	8,300,512
Scholarships and fellowships	1,064,864	1,575,909	2,688,532	3,255,660	3,727,838	4,222,923	4,662,023	5,084,653	5,573,209
From unrestricted funds	367,476	696,973	1,270,158	1,523,721	1,745,339	1,934,617	2,149,036	2,457,139	2,736,726
From restricted funds[2]	697,388	878,935	1,418,374	1,731,939	1,982,498	2,288,306	2,512,988	2,627,514	2,836,483
Mandatory transfers	501,087	735,695	962,598	1,057,923	1,141,717	1,193,379	1,373,267	1,420,459	1,553,644
Auxiliary enterprises	4,658,140	6,830,235	9,049,935	9,634,131	10,024,352	10,637,783	11,235,143	11,309,031	12,051,424
Mandatory transfers	344,043	410,777	623,146	655,301	758,644	784,115	835,993	793,125	842,693
Hospitals	3,377,972	5,358,699	9,315,902	10,432,773	11,100,602	11,317,674	11,801,589	11,878,939	12,113,610
Mandatory transfers	26,613	75,569	195,961	224,095	223,241	242,216	262,343	213,387	293,030
Independent operations (FFRDC)[3]	70,681	131,956	199,827	225,742	234,168	214,858	254,474	250,906	258,854
Mandatory transfers	322	846	1,201	510	462	474	465	1,343	1,172
	Percentage distribution								
Total current-fund expenditures	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Educational and general expenditures	80.8	80.5	80.0	79.5	79.6	79.7	79.8	80.4	80.6
Instruction	35.1	34.6	33.7	33.2	32.8	32.6	32.6	32.3	32.1
Research	9.0	9.0	10.1	10.1	10.1	10.2	10.2	10.1	10.1
Public service	4.1	4.0	4.3	4.3	4.4	4.3	4.4	4.5	4.6
Academic support	7.2	7.4	7.5	7.4	7.3	7.4	7.3	7.5	7.6
Libraries	2.8	2.7	2.3	2.3	2.2	2.2	2.3	2.3	2.3
Student services	4.6	4.6	4.7	4.7	4.9	4.9	4.9	4.9	5.0
Institutional support	8.4	9.0	8.6	8.5	8.7	8.5	8.6	9.0	9.0
Operation and maintenance of plant	8.7	8.2	7.2	6.9	6.8	6.8	6.6	6.7	6.6
Scholarships and fellowships	2.5	2.5	2.9	3.3	3.6	3.9	4.0	4.3	4.4
From unrestricted funds	0.9	1.1	1.4	1.5	1.7	1.8	1.9	2.1	2.2
From restricted funds[2]	1.6	1.4	1.5	1.8	1.9	2.1	2.2	2.2	2.3
Mandatory transfers	1.2	1.2	1.0	1.1	1.1	1.1	1.2	1.2	1.2
Auxiliary enterprises	11.0	10.8	9.7	9.7	9.6	9.7	9.7	9.5	9.6
Mandatory transfers	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Hospitals	8.0	8.5	10.0	10.6	10.6	10.4	10.2	9.9	9.6
Mandatory transfers	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Independent operations (FFRDC)[3]	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Mandatory transfers	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)

[1] Preliminary data.

[2] Excludes Pell Grants.

[3] Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).

[4] Less than 0.05 percent.

NOTE: Data for 1980–81 to 1994–95 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared June 2000.)

Table 347.—Current-fund expenditures of private degree-granting institutions, by purpose: 1980–81 to 1995–96

Purpose	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10
	In thousands								
Total current-fund expenditures	**$21,773,132**	**$34,341,889**	**$48,885,041**	**$53,126,743**	**$57,341,982**	**$60,670,938**	**$64,041,076**	**$67,503,635**	**$70,951,662**
Educational and general expenditures	15,900,792	25,255,003	36,421,118	39,744,472	43,012,623	45,766,989	48,885,124	51,984,234	55,359,982
Instruction	5,883,343	9,151,318	12,888,779	14,124,723	15,168,776	16,080,736	17,087,102	18,120,513	19,156,788
Research	1,844,369	2,732,222	3,963,726	4,079,827	4,312,973	4,686,336	4,937,247	5,279,876	5,441,530
Public service	338,845	603,799	1,001,094	1,085,945	1,203,797	1,371,697	1,500,695	1,657,040	1,686,399
Academic support	1,244,002	1,973,849	2,902,568	3,116,927	3,302,859	3,459,726	3,642,355	3,815,455	4,292,950
Libraries	572,667	866,279	1,151,567	1,176,731	1,311,314	1,355,227	1,459,304	1,551,152	1,602,816
Student services	958,432	1,641,180	2,366,819	2,627,117	2,818,174	2,991,840	3,247,414	3,445,983	3,820,174
Institutional support	2,209,321	3,683,642	5,183,893	5,695,842	6,051,868	6,200,308	6,598,004	6,915,821	7,545,490
Operation and maintenance of plant	1,668,389	2,427,972	3,124,680	3,406,975	3,556,365	3,706,923	3,935,311	4,076,986	4,325,784
Scholarships and fellowships	1,439,661	2,584,266	4,269,051	4,862,651	5,804,340	6,420,536	7,015,087	7,623,304	8,110,450
From unrestricted funds	713,138	1,588,143	2,754,479	3,174,947	3,682,076	4,203,697	4,710,100	5,180,348	5,755,910
From restricted funds [1]	726,523	996,123	1,514,572	1,687,704	2,122,264	2,216,838	2,304,987	2,442,957	2,354,540
Mandatory transfers	314,429	456,754	720,508	744,465	793,471	848,886	921,908	1,049,256	980,417
Auxiliary enterprises	2,629,948	3,698,067	4,921,653	5,222,312	5,331,969	5,537,156	5,791,558	5,969,773	6,290,030
Mandatory transfers	164,335	206,394	285,521	313,730	347,999	350,905	374,733	392,285	352,241
Hospitals	2,055,139	3,333,414	4,565,297	5,009,963	5,671,540	5,949,070	6,191,929	6,269,769	6,062,047
Mandatory transfers	31,349	53,264	66,164	78,491	109,619	84,818	102,449	83,729	55,052
Independent operations (FFRDC) [2]	1,187,253	2,055,405	2,976,973	3,149,996	3,325,850	3,417,723	3,172,465	3,279,859	3,239,604
Mandatory transfers	321	2,586	3,535	4,444	2,886	1,808	1,880	1,908	780
	Percentage distribution								
Total current-fund expenditures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Educational and general expenditures	73.0	73.5	74.5	74.8	75.0	75.4	76.3	77.0	78.0
Instruction	27.0	26.6	26.4	26.6	26.5	26.5	26.7	26.8	27.0
Research	8.5	8.0	8.1	7.7	7.5	7.7	7.7	7.8	7.7
Public service	1.6	1.8	2.0	2.0	2.1	2.3	2.3	2.5	2.4
Academic support	5.7	5.7	5.9	5.9	5.8	5.7	5.7	5.7	6.1
Libraries	2.6	2.5	2.4	2.2	2.3	2.2	2.3	2.3	2.3
Student services	4.4	4.8	4.8	4.9	4.9	4.9	5.1	5.1	5.4
Institutional support	10.1	10.7	10.6	10.7	10.6	10.2	10.3	10.2	10.6
Operation and maintenance of plant	7.7	7.1	6.4	6.4	6.2	6.1	6.1	6.0	6.1
Scholarships and fellowships	6.6	7.5	8.7	9.2	10.1	10.6	11.0	11.3	11.4
From unrestricted funds	3.3	4.6	5.6	6.0	6.4	6.9	7.4	7.7	8.1
From restricted funds [1]	3.3	2.9	3.1	3.2	3.7	3.7	3.6	3.6	3.3
Mandatory transfers	1.4	1.3	1.5	1.4	1.4	1.4	1.4	1.6	1.4
Auxiliary enterprises	12.1	10.8	10.1	9.8	9.3	9.1	9.0	8.8	8.9
Mandatory transfers	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5
Hospitals	9.4	9.7	9.3	9.4	9.9	9.8	9.7	9.3	8.5
Mandatory transfers	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.1
Independent operations (FFRDC) [2]	5.5	6.0	6.1	5.9	5.8	5.6	5.0	4.9	4.6
Mandatory transfers	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)

[1] Excludes Pell Grants.

[2] Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).

[3] Less than 0.05 percent.

NOTE: Data for 1980–81 to 1994–95 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 348.—Voluntary support for degree-granting institutions, by source and purpose of support: 1959–60 to 1998–99

[In millions]

Source and purpose of support	1959–60	1965–66	1970–71	1975–76	1980–81	1985–86	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Total voluntary support [1]	**$815**	**$1,440**	**$1,860**	**$2,410**	**$4,230**	**$7,400**	**$10,200**	**$10,700**	**$11,200**	**$12,350**	**$12,750**	**$14,250**	**$16,000**	**$18,400**	**$20,400**
Sources															
Alumni	191	310	458	588	1,049	1,825	2,680	2,840	2,980	3,410	3,600	4,040	4,650	5,500	5,930
Nonalumni individuals	194	350	495	569	1,007	1,781	2,310	2,500	2,530	2,800	2,940	3,400	3,850	4,500	4,810
Corporations	130	230	259	379	778	1,702	2,230	2,260	2,400	2,510	2,560	2,800	3,050	3,250	3,610
Foundations	163	357	418	549	922	1,363	2,030	2,090	2,200	2,540	2,460	2,815	3,200	3,800	4,530
Religious organizations	80	108	104	130	140	211	240	240	250	240	250	255	250	300	330
Other	57	85	126	195	334	518	710	770	840	850	940	940	1,000	1,050	1,190
Purpose															
Current operations	385	675	1,050	1,480	2,590	4,022	5,830	6,100	6,300	6,710	7,230	7,850	8,500	9,000	9,900
Capital purposes	430	765	810	930	1,640	3,378	4,370	4,600	4,900	5,640	5,520	6,400	7,500	9,400	10,500
Voluntary support as a percent of total expenditures [2]	11.4	9.2	6.8	5.5	6.0	6.9	6.2	6.2	6.2	6.5	6.3	6.7	7.2	7.8	8.4

[1] Data are based on sample surveys of institutions of higher education.

[2] Total expenditures include current-fund expenditures and additions to plant value.

SOURCE: Council for Aid to Education, Research Report, "Contributions to Colleges Drop for First Time Since 1975;" and "Voluntary Support of Education," various years. (This table was prepared May 2001.)

Table 349.—Educational and general expenditures of degree-granting public universities, by purpose: 1976–77 to 1996–97

Year	Educational and general expenditures									
	Total	Instruction	Administration[1]	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
1	2	3	4	5	6	7	8	9	10	11
	Expenditures, in thousands of current dollars									
1976–77	$9,413,626	$3,670,554	$1,222,410	$346,906	$1,727,807	$331,614	$763,809	$857,677	$377,749	$115,099
1977–78	10,220,191	4,009,870	1,344,538	388,262	1,896,578	343,198	803,309	938,952	389,682	105,803
1978–79	11,284,191	4,408,025	1,478,568	419,231	2,136,135	363,875	920,726	1,046,740	396,356	114,533
1979–80	12,540,072	4,860,411	1,572,523	473,460	2,444,471	463,642	1,012,376	1,148,942	439,461	124,786
1980–81	13,951,029	5,374,271	1,795,504	525,891	2,743,145	451,978	1,158,512	1,270,339	492,225	139,164
1981–82	15,077,263	5,852,958	1,974,219	566,366	2,903,178	488,939	1,223,417	1,412,557	525,498	130,131
1982–83	16,089,168	6,247,358	2,107,933	604,657	3,086,846	528,470	1,300,353	1,512,947	562,903	137,702
1983–84	17,234,711	6,646,501	2,263,565	643,614	3,295,053	577,136	1,385,191	1,627,702	624,642	171,306
1984–85	18,960,810	7,257,618	2,598,784	701,451	3,682,755	609,365	1,519,324	1,745,825	677,533	168,155
1985–86	20,716,657	7,807,522	2,882,006	762,324	4,076,258	669,253	1,664,917	1,831,618	780,080	242,679
1986–87	22,023,387	8,368,187	3,088,348	819,829	4,399,405	677,531	1,725,613	1,829,880	847,328	267,266
1987–88	23,848,427	8,902,624	3,311,806	889,528	4,911,929	762,858	1,857,008	1,934,489	949,438	328,746
1988–89	26,138,665	9,623,797	3,638,424	975,801	5,476,936	813,888	2,096,267	2,069,744	1,096,447	347,362
1989–90	28,338,312	10,364,088	3,927,198	1,047,364	6,030,489	871,279	2,273,699	2,222,046	1,211,690	390,458
1990–91	30,367,325	11,012,373	4,157,677	1,103,058	6,599,209	906,506	2,479,956	2,305,115	1,367,754	435,676
1991–92	31,565,791	11,373,749	4,198,990	1,161,633	6,937,360	946,098	2,609,520	2,323,220	1,556,868	458,354
1992–93	32,836,061	11,708,500	4,317,605	1,211,143	7,330,922	959,306	2,714,785	2,365,942	1,734,530	493,328
1993–94	34,318,548	12,115,695	4,578,770	1,273,008	7,676,832	1,006,301	2,784,869	2,459,895	1,909,173	514,006
1994–95	36,255,063	12,837,030	4,814,366	1,348,617	8,082,388	1,096,566	2,943,284	2,526,104	2,057,116	549,593
1995–96	37,693,678	13,289,323	5,146,842	1,419,733	8,211,609	1,134,159	3,082,968	2,596,786	2,235,290	576,968
1996–97[2] ..	39,368,161	13,813,628	5,404,019	1,480,850	8,526,355	1,186,456	3,246,335	2,691,399	2,411,021	608,098
	Percentage distribution									
1976–77	100.0	39.0	13.0	3.7	18.4	3.5	8.1	9.1	4.0	1.2
1980–81	100.0	38.5	12.9	3.8	19.7	3.2	8.3	9.1	3.5	1.0
1981–82	100.0	38.8	13.1	3.8	19.3	3.2	8.1	9.4	3.5	0.9
1982–83	100.0	38.8	13.1	3.8	19.2	3.3	8.1	9.4	3.5	0.9
1983–84	100.0	38.6	13.1	3.7	19.1	3.3	8.0	9.4	3.6	1.0
1984–85	100.0	38.3	13.7	3.7	19.4	3.2	8.0	9.2	3.6	0.9
1985–86	100.0	37.7	13.9	3.7	19.7	3.2	8.0	8.8	3.8	1.2
1986–87	100.0	38.0	14.0	3.7	20.0	3.1	7.8	8.3	3.8	1.2
1987–88	100.0	37.3	13.9	3.7	20.6	3.2	7.8	8.1	4.0	1.4
1988–89	100.0	36.8	13.9	3.7	21.0	3.1	8.0	7.9	4.2	1.3
1989–90	100.0	36.6	13.9	3.7	21.3	3.1	8.0	7.8	4.3	1.4
1990–91	100.0	36.3	13.7	3.6	21.7	3.0	8.2	7.6	4.5	1.4
1991–92	100.0	36.0	13.3	3.7	22.0	3.0	8.3	7.4	4.9	1.5
1992–93	100.0	35.7	13.1	3.7	22.3	2.9	8.3	7.2	5.3	1.5
1993–94	100.0	35.3	13.3	3.7	22.4	2.9	8.1	7.2	5.6	1.5
1994–95	100.0	35.4	13.3	3.7	22.3	3.0	8.1	7.0	5.7	1.5
1995–96	100.0	35.3	13.7	3.8	21.8	3.0	8.2	6.9	5.9	1.5
1996–97[2] ..	100.0	35.1	13.7	3.8	21.7	3.0	8.2	6.8	6.1	1.5
	Expenditure per full-time-equivalent student in constant 1996–97 dollars									
1976–77	$15,574	$6,073	$2,022	$574	$2,859	$549	$1,264	$1,419	$625	$190
1980–81	15,861	6,110	2,041	598	3,119	514	1,317	1,444	560	158
1981–82	15,636	6,070	2,047	587	3,011	507	1,269	1,465	545	135
1982–83	15,602	6,058	2,044	586	2,993	512	1,261	1,467	546	134
1983–84	15,980	6,163	2,099	597	3,055	535	1,284	1,509	579	159
1984–85	16,732	6,405	2,293	619	3,250	538	1,341	1,541	598	148
1985–86	17,383	6,551	2,418	640	3,420	562	1,397	1,537	655	204
1986–87	17,687	6,721	2,480	658	3,533	544	1,386	1,470	680	215
1987–88	18,168	6,782	2,523	678	3,742	581	1,415	1,474	723	250
1988–89	18,511	6,815	2,577	691	3,879	576	1,485	1,466	776	246
1989–90	18,634	6,815	2,582	689	3,965	573	1,495	1,461	797	257
1990–91	18,795	6,816	2,573	683	4,084	561	1,535	1,427	847	270
1991–92	18,688	6,734	2,486	688	4,107	560	1,545	1,375	922	271
1992–93	19,145	6,827	2,517	706	4,274	559	1,583	1,379	1,011	288
1993–94	19,537	6,897	2,607	725	4,370	573	1,585	1,400	1,087	293
1994–95	20,110	7,120	2,670	748	4,483	608	1,633	1,401	1,141	305
1995–96	20,303	7,158	2,772	765	4,423	611	1,661	1,399	1,204	311
1996–97[2] ..	20,603	7,229	2,828	775	4,462	621	1,699	1,409	1,262	318

[1] Includes institutional and academic support less libraries.

[2] Preliminary data.

NOTE: Data in this table may differ slightly from data appearing in other tables. Data for 1976–77 through 1985–86 include only institutions which provided both enrollment and finance data. The Higher Education Price Index was used to convert the per student figures to constant dollars. Data for 1976–77 to 1995–96 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys; and Research Associates of Washington, unpublished data. (This table was prepared June 2000.)

Table 350.—Educational and general expenditures of public degree-granting 4-year colleges, by purpose: 1976–77 to 1996–97

Year	Educational and general expenditures									
	Total	Instruction	Administration [1]	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
1	2	3	4	5	6	7	8	9	10	11
	Expenditures, in thousands of current dollars									
1976–77	$8,682,538	$4,027,051	$1,445,651	$500,832	$607,235	$340,002	$250,152	$1,001,848	$338,432	$171,335
1977–78	9,568,977	4,423,487	1,598,092	572,193	677,414	369,408	274,314	1,118,393	332,899	202,777
1978–79	10,455,134	4,770,598	1,789,534	651,541	786,072	395,299	301,387	1,214,996	337,588	208,119
1979–80	11,750,398	5,271,621	2,029,327	733,557	937,874	448,190	359,467	1,375,308	383,036	212,019
1980–81	13,139,618	5,890,759	2,258,987	807,249	1,043,614	511,817	407,816	1,563,514	412,972	242,890
1981–82	14,321,586	6,537,888	2,518,182	834,225	1,086,146	536,080	440,736	1,738,210	403,069	227,050
1982–83	15,286,145	6,980,269	2,660,360	904,745	1,150,011	559,353	469,841	1,857,151	450,067	254,349
1983–84	16,538,128	7,464,035	3,013,666	1,041,488	1,246,289	622,879	513,732	1,873,628	473,503	288,908
1984–85	18,333,578	8,211,171	3,370,676	1,140,312	1,420,844	669,518	603,018	2,137,225	489,188	291,626
1985–86	19,860,947	8,945,373	3,658,627	1,235,418	1,618,737	712,112	648,178	2,118,522	569,841	354,139
1986–87	21,490,078	9,608,239	4,019,850	1,318,666	1,846,712	695,692	766,865	2,226,599	660,940	346,515
1987–88	23,124,455	10,310,532	4,261,440	1,434,726	2,053,638	774,274	864,347	2,340,495	711,704	373,299
1988–89	24,639,653	10,991,086	4,496,286	1,504,869	2,305,152	813,801	941,434	2,429,103	754,412	403,508
1989–90	27,210,634	12,079,093	5,076,792	1,648,526	2,525,080	888,526	1,088,113	2,607,385	871,944	425,175
1990–91	28,903,790	12,818,677	5,374,417	1,800,723	2,745,613	888,162	1,145,892	2,728,949	963,436	437,921
1991–92	30,720,827	13,270,992	5,805,724	1,868,329	2,986,474	945,097	1,310,700	2,782,200	1,248,220	503,091
1992–93	33,119,294	13,906,211	6,416,859	2,164,309	3,246,542	979,635	1,447,684	2,960,373	1,457,901	539,779
1993–94	34,477,869	14,519,321	6,477,847	2,135,560	3,473,971	1,018,304	1,525,406	3,084,509	1,685,785	557,166
1994–95	36,659,833	15,321,392	6,909,606	2,236,127	3,717,964	1,084,945	1,647,855	3,175,330	1,884,283	682,332
1995–96	38,115,758	15,600,219	7,502,742	2,217,691	3,841,169	1,105,930	1,761,690	3,328,604	2,068,459	689,256
1996–97 [2] ..	40,930,525	16,546,172	7,929,270	2,519,558	4,216,267	1,191,965	1,974,123	3,458,897	2,325,829	768,444
	Percentage distribution									
1976–77	100.0	46.4	16.7	5.8	7.0	3.9	2.9	11.5	3.9	2.0
1980–81	100.0	44.8	17.2	6.1	7.9	3.9	3.1	11.9	3.1	1.8
1981–82	100.0	45.7	17.6	5.8	7.6	3.7	3.1	12.1	2.8	1.6
1982–83	100.0	45.7	17.4	5.9	7.5	3.7	3.1	12.1	2.9	1.7
1983–84	100.0	45.1	18.2	6.3	7.5	3.8	3.1	11.3	2.9	1.7
1984–85	100.0	44.8	18.4	6.2	7.7	3.7	3.3	11.7	2.7	1.6
1985–86	100.0	45.0	18.4	6.2	8.2	3.6	3.3	10.7	2.9	1.8
1986–87	100.0	44.7	18.7	6.1	8.6	3.2	3.6	10.4	3.1	1.6
1987–88	100.0	44.6	18.4	6.2	8.9	3.3	3.7	10.1	3.1	1.6
1988–89	100.0	44.6	18.2	6.1	9.4	3.3	3.8	9.9	3.1	1.6
1989–90	100.0	44.4	18.7	6.1	9.3	3.3	4.0	9.6	3.2	1.6
1990–91	100.0	44.3	18.6	6.2	9.5	3.1	4.0	9.4	3.3	1.5
1991–92	100.0	43.2	18.9	6.1	9.7	3.1	4.3	9.1	4.1	1.6
1992–93	100.0	42.0	19.4	6.5	9.8	3.0	4.4	8.9	4.4	1.6
1993–94	100.0	42.1	18.8	6.2	10.1	3.0	4.4	8.9	4.9	1.6
1994–95	100.0	41.8	18.8	6.1	10.1	3.0	4.5	8.7	5.1	1.9
1995–96	100.0	40.9	19.7	5.8	10.1	2.9	4.6	8.7	5.4	1.8
1996–97 [2] ..	100.0	40.4	19.4	6.2	10.3	2.9	4.8	8.5	5.7	1.9
	Expenditure per full-time-equivalent student in constant 1996–97 dollars									
1976–77	$11,357	$5,267	$1,891	$655	$794	$445	$327	$1,310	$443	$224
1980–81	11,833	5,305	2,034	727	940	461	367	1,408	372	219
1981–82	11,774	5,375	2,070	686	893	441	362	1,429	331	187
1982–83	11,489	5,246	2,000	680	864	420	353	1,396	338	191
1983–84	11,609	5,239	2,115	731	875	437	361	1,315	332	203
1984–85	12,256	5,489	2,253	762	950	448	403	1,429	327	195
1985–86	12,658	5,701	2,332	787	1,032	454	413	1,350	363	226
1986–87	12,653	5,657	2,367	776	1,087	410	452	1,311	389	204
1987–88	12,910	5,756	2,379	801	1,147	432	483	1,307	397	208
1988–89	12,712	5,671	2,320	776	1,189	420	486	1,253	389	208
1989–90	12,827	5,694	2,393	777	1,190	419	513	1,229	411	200
1990–91	12,472	5,531	2,319	777	1,185	383	494	1,178	416	189
1991–92	12,629	5,455	2,387	768	1,228	389	539	1,144	513	207
1992–93	13,094	5,498	2,537	856	1,284	387	572	1,170	576	213
1993–94	13,255	5,582	2,490	821	1,336	391	586	1,186	648	214
1994–95	13,716	5,732	2,585	837	1,391	406	617	1,188	705	255
1995–96	13,813	5,653	2,719	804	1,392	401	638	1,206	750	250
1996–97 [2] ..	14,329	5,793	2,776	882	1,476	417	691	1,211	814	269

[1] Includes institutional and academic support less libraries.

[2] Preliminary data.

NOTE: This table excludes universities. See preceding table. Data in this table may differ slightly from data appearing in other tables. Data for 1976–77 through 1985–86 include only institutions which provided both enrollment and finance data. Data for 1976–77 to 1995–96 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The Higher Education Price Index was used to convert the per student figures to constant dollars. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys; and Research Associates of Washington, unpublished data. (This table was prepared June 2000.)

Table 351.—Educational and general expenditures of degree-granting public 2-year colleges, by purpose: 1976–77 to 1996–97

Year	Educational and general expenditures									
	Total	Instruction	Administration[1]	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
1	2	3	4	5	6	7	8	9	10	11
	Expenditures, in thousands of current dollars									
1976–77	$4,875,998	$2,490,274	$882,813	$409,217	$15,698	$171,409	$97,635	$547,515	$142,827	$118,610
1977–78	5,336,153	2,700,489	1,035,206	437,060	9,333	188,201	112,944	605,464	117,996	129,458
1978–79	5,734,611	2,877,651	1,119,840	482,323	21,289	193,703	110,918	650,447	127,633	150,807
1979–80	6,334,777	3,185,815	1,204,082	547,457	26,288	202,583	141,000	743,014	147,865	136,672
1980–81	7,063,474	3,575,743	1,347,020	615,869	26,591	222,391	152,597	844,781	159,474	119,008
1981–82	7,757,435	3,947,065	1,473,733	684,650	15,632	262,697	147,385	952,691	160,109	113,473
1982–83	8,292,446	4,218,388	1,620,644	741,179	18,090	248,682	123,722	1,016,267	175,069	130,403
1983–84	8,820,575	4,481,854	1,748,535	775,084	18,189	263,485	150,109	1,076,371	178,500	128,448
1984–85	9,560,507	4,806,050	1,929,968	841,101	15,591	278,363	193,903	1,156,074	207,975	131,482
1985–86	10,252,955	5,116,884	2,122,060	920,299	10,136	295,691	202,440	1,220,646	225,979	138,820
1986–87	10,845,969	5,382,631	2,363,275	1,020,496	12,508	246,131	235,115	1,252,152	243,402	90,258
1987–88	11,666,586	5,741,049	2,479,661	1,157,858	11,358	316,278	264,809	1,326,748	280,247	88,578
1988–89	12,666,590	6,278,809	2,727,058	1,197,748	14,864	328,809	314,250	1,414,420	299,491	91,142
1989–90	13,875,566	6,909,109	2,977,932	1,344,339	19,213	353,165	336,927	1,526,086	314,906	93,889
1990–91	15,124,313	7,540,344	3,265,233	1,494,583	19,390	372,492	364,384	1,621,542	357,343	89,001
1991–92	16,267,915	8,183,678	3,408,080	1,660,958	24,747	393,325	365,281	1,684,796	450,572	96,477
1992–93	17,255,624	8,645,466	3,598,745	1,797,787	27,510	390,684	400,927	1,750,489	535,406	108,610
1993–94	18,342,808	9,053,480	3,858,066	1,906,802	29,560	424,504	431,444	1,888,780	627,964	122,207
1994–95	19,258,872	9,440,773	4,053,662	2,029,268	29,313	433,098	443,306	1,967,485	720,624	141,342
1995–96	20,161,543	9,701,637	4,349,565	2,163,469	23,676	445,660	472,767	2,070,286	781,770	152,713
1996–97[2] ..	21,255,498	10,107,248	4,736,880	2,242,782	24,730	463,247	516,935	2,150,215	836,359	177,102
	Percentage distribution									
1976–77	100.0	51.1	18.1	8.4	0.3	3.5	2.0	11.2	2.9	2.4
1980–81	100.0	50.6	19.1	8.7	0.4	3.1	2.2	12.0	2.3	1.7
1981–82	100.0	50.9	19.0	8.8	0.2	3.4	1.9	12.3	2.1	1.5
1982–83	100.0	50.9	19.5	8.9	0.2	3.0	1.5	12.3	2.1	1.6
1983–84	100.0	50.8	19.8	8.8	0.2	3.0	1.7	12.2	2.0	1.5
1984–85	100.0	50.3	20.2	8.8	0.2	2.9	2.0	12.1	2.2	1.4
1985–86	100.0	49.9	20.7	9.0	0.1	2.9	2.0	11.9	2.2	1.4
1986–87	100.0	49.6	21.8	9.4	0.1	2.3	2.2	11.5	2.2	0.8
1987–88	100.0	49.2	21.3	9.9	0.1	2.7	2.3	11.4	2.4	0.8
1988–89	100.0	49.6	21.5	9.5	0.1	2.6	2.5	11.2	2.4	0.7
1989–90	100.0	49.8	21.5	9.7	0.1	2.5	2.4	11.0	2.3	0.7
1990–91	100.0	49.9	21.6	9.9	0.1	2.5	2.4	10.7	2.4	0.6
1991–92	100.0	50.3	20.9	10.2	0.2	2.4	2.2	10.4	2.8	0.6
1992–93	100.0	50.1	20.9	10.4	0.2	2.3	2.3	10.1	3.1	0.6
1993–94	100.0	49.4	21.0	10.4	0.2	2.3	2.4	10.3	3.4	0.7
1994–95	100.0	49.0	21.0	10.5	0.2	2.2	2.3	10.2	3.7	0.7
1995–96	100.0	48.1	21.6	10.7	0.1	2.2	2.3	10.3	3.9	0.8
1996–97[2] ..	100.0	47.6	22.3	10.6	0.1	2.2	2.4	10.1	3.9	0.8
	Expenditure per full-time-equivalent student in constant 1996–97 dollars									
1976–77	$6,257	$3,126	$1,108	$514	$20	$215	$123	$687	$179	$149
1980–81	5,996	3,035	1,143	523	23	189	130	717	135	101
1981–82	5,990	3,048	1,138	529	12	203	114	736	124	88
1982–83	5,667	2,883	1,107	506	12	170	85	694	120	89
1983–84	5,747	2,920	1,139	505	12	172	98	701	116	84
1984–85	6,298	3,166	1,271	554	10	183	128	762	137	87
1985–86	6,484	3,236	1,342	582	6	187	128	772	143	88
1986–87	6,589	3,270	1,436	620	8	150	143	761	148	55
1987–88	6,502	3,199	1,382	645	6	176	148	739	156	49
1988–89	6,574	3,259	1,415	622	8	171	163	734	155	47
1989–90	6,396	3,185	1,373	620	9	163	155	703	145	43
1990–91	6,468	3,225	1,396	639	8	159	156	693	153	38
1991–92	6,171	3,104	1,293	630	9	149	139	639	171	37
1992–93	6,264	3,138	1,306	653	10	142	146	635	194	39
1993–94	6,585	3,250	1,385	685	11	152	155	678	225	44
1994–95	6,734	3,301	1,417	710	10	151	155	688	252	49
1995–96	6,939	3,339	1,497	745	8	153	163	712	269	53
1996–97[2] ..	7,020	3,338	1,564	741	8	153	171	710	276	58

[1] Includes institutional and academic support less libraries.

[2] Preliminary data.

NOTE: Data in this table may differ slightly from data appearing in other tables. Data for 1976–77 through 1985–86 include only institutions which provided both enrollment and finance data. The Higher Education Price Index was used to convert the per student figures to constant dollars. Data for 1976–77 to 1995–96 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys; and Research Associates of Washington, unpublished data. (This table was prepared June 2000.)

Table 352.—Current-fund expenditures of public degree-granting institutions, by state: 1980–81 to 1996–97

[In thousands]

State or other area	Institutions of higher education [1]								Degree-granting institutions [2]		
	1980–81	1985–86	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1995–96	1996–97 [3]	Percent change, 1995–96 to 1996–97
1	2	3	4	5	6	7	8	9	10	11	12
United States	**$42,279,806**	**$63,193,853**	**$92,961,093**	**$98,847,180**	**$104,570,101**	**$109,309,541**	**$115,464,975**	**$119,400,868**	**$119,524,500**	**$125,978,073**	5.4
Alabama	839,366	1,324,774	2,054,798	2,189,029	2,428,620	2,510,081	2,648,077	2,715,643	2,715,643	2,840,790	4.6
Alaska	158,700	224,042	289,606	306,218	322,620	336,405	336,584	352,811	352,811	344,723	-2.3
Arizona	691,481	1,017,203	1,586,891	1,620,019	1,621,716	1,754,682	1,854,180	1,963,390	1,976,169	2,070,566	4.8
Arkansas	340,621	526,831	797,291	878,783	976,735	1,002,908	1,070,668	1,153,714	1,181,083	1,247,987	5.7
California	5,775,482	8,515,440	12,023,304	12,910,152	13,537,367	13,244,130	13,899,338	14,274,642	14,284,348	15,707,254	10.0
Colorado	738,363	1,057,558	1,452,137	1,546,642	1,670,921	1,760,679	1,862,438	1,974,306	1,974,306	2,079,177	5.3
Connecticut	367,850	562,696	886,846	957,627	981,286	1,026,593	1,134,014	1,169,349	1,168,038	1,206,127	3.3
Delaware	158,332	229,377	367,012	396,947	416,699	442,488	469,085	491,597	491,597	510,290	3.8
District of Columbia	71,791	80,764	97,556	99,535	98,826	97,072	99,351	98,632	103,072	107,433	4.2
Florida	1,170,305	1,762,180	2,896,046	2,988,794	3,179,353	3,408,957	3,549,470	3,727,585	3,714,984	3,968,197	6.8
Georgia	754,060	1,255,964	1,929,993	2,015,816	2,227,608	2,453,100	2,728,682	2,953,792	2,835,505	3,057,542	7.8
Hawaii	222,718	312,248	498,307	575,337	602,346	613,356	653,303	634,970	634,970	638,096	0.5
Idaho	166,844	238,438	353,561	391,441	409,167	445,463	473,733	503,014	510,601	530,013	3.8
Illinois	1,780,403	2,571,409	3,528,967	3,644,740	3,877,243	4,053,858	4,293,437	4,498,142	4,498,142	4,713,363	4.8
Indiana	1,064,395	1,602,203	2,391,173	2,643,997	2,671,055	2,858,990	2,967,184	2,783,027	2,783,027	3,021,556	8.6
Iowa	767,590	1,092,542	1,734,476	1,776,217	1,899,159	1,981,068	2,051,631	2,163,536	2,163,536	2,233,470	3.2
Kansas	579,857	848,602	1,190,573	1,262,215	1,329,587	1,429,200	1,495,926	1,536,701	1,547,154	1,595,757	3.1
Kentucky	673,775	898,718	1,400,529	1,514,985	1,516,017	1,577,584	1,663,738	1,779,945	1,779,945	1,994,760	12.1
Louisiana	716,702	1,039,177	1,439,415	1,541,126	1,800,188	1,835,151	1,909,675	1,911,633	1,970,177	2,059,975	4.6
Maine	153,658	216,737	355,074	362,905	375,090	387,991	391,269	404,171	407,819	431,850	5.9
Maryland	795,100	1,064,430	1,684,341	1,674,918	1,829,812	1,940,403	1,997,636	2,136,898	2,136,898	2,352,742	10.1
Massachusetts	553,019	980,585	1,435,063	1,474,589	1,605,121	1,496,856	1,557,225	1,641,256	1,647,254	1,739,959	5.6
Michigan	2,053,795	2,946,336	4,416,914	4,741,682	4,925,759	5,095,422	5,395,757	5,653,791	5,653,791	5,986,556	5.9
Minnesota	876,632	1,324,691	2,012,225	2,219,016	2,286,336	2,459,437	2,624,464	2,689,857	2,694,395	2,638,379	-2.1
Mississippi	539,222	706,380	978,388	1,012,544	1,102,806	1,200,196	1,358,795	1,429,107	1,440,692	1,490,260	3.4
Missouri	687,643	999,869	1,453,608	1,501,168	1,582,746	1,694,484	1,836,878	1,988,392	1,994,150	2,117,072	6.2
Montana	121,894	182,102	254,175	320,876	337,189	350,943	376,618	402,792	402,792	445,611	10.6
Nebraska	378,928	537,858	848,778	916,814	968,407	1,004,263	1,076,670	1,143,547	1,143,547	1,218,519	6.6
Nevada	111,347	180,107	330,592	363,306	377,786	415,785	447,901	505,518	505,518	547,065	8.2
New Hampshire	134,391	183,959	281,542	307,217	335,575	360,833	371,554	390,816	390,816	418,136	7.0
New Jersey	903,169	1,408,490	2,309,968	2,489,088	2,630,533	2,809,931	2,982,535	3,064,901	3,064,901	3,147,805	2.7
New Mexico	325,960	456,600	896,299	1,010,859	1,069,497	1,142,903	1,278,741	1,315,168	1,329,422	1,420,132	6.8
New York	2,519,104	3,802,602	5,605,621	5,681,964	6,096,863	6,481,594	6,922,118	6,728,593	6,728,593	6,872,196	2.1
North Carolina	1,128,383	1,799,173	2,581,156	2,770,977	3,002,915	3,192,215	3,406,215	3,538,606	3,538,606	3,791,459	7.1
North Dakota	192,046	288,214	367,959	408,219	419,268	432,190	456,730	440,332	440,332	450,127	2.2
Ohio	1,784,754	2,718,408	4,084,840	4,359,943	4,389,408	4,640,316	4,907,686	4,812,773	4,818,930	4,880,235	1.3
Oklahoma	583,174	844,829	1,057,248	1,158,696	1,177,061	1,214,084	1,263,002	1,329,938	1,329,938	1,457,550	9.6
Oregon	642,411	880,696	1,329,794	1,484,621	1,560,699	1,623,771	1,756,424	1,815,638	1,815,638	1,988,824	9.5
Pennsylvania	1,544,586	2,392,145	3,602,685	3,904,332	4,004,062	4,240,094	4,506,833	4,781,347	4,781,347	4,940,983	3.3
Rhode Island	158,365	213,253	292,199	303,606	330,038	331,359	344,457	353,270	353,270	368,598	4.3
South Carolina	617,963	951,848	1,475,074	1,595,552	1,702,419	1,768,671	1,817,631	1,903,952	1,903,952	2,020,736	6.1
South Dakota	124,103	149,092	197,853	217,756	240,061	259,120	252,443	262,682	290,868	294,181	1.1
Tennessee	665,885	1,081,052	1,585,614	1,621,202	1,776,066	1,911,953	2,042,171	2,061,946	2,062,547	2,127,506	3.1
Texas	2,736,276	4,375,082	5,959,584	6,370,847	6,982,016	7,414,174	7,817,433	8,296,878	8,300,915	8,758,306	5.5
Utah	405,314	609,714	993,625	1,116,845	1,174,239	1,260,797	1,354,017	1,442,592	1,442,582	1,536,120	6.5
Vermont	122,708	188,112	274,746	294,045	298,626	306,100	316,455	329,457	329,457	347,605	5.5
Virginia	1,143,755	1,825,156	2,812,109	2,939,683	3,072,851	3,301,020	3,414,167	3,515,201	3,515,201	3,804,552	8.2
Washington	993,171	1,399,780	2,157,074	2,278,549	2,486,455	2,639,504	2,807,168	2,909,056	2,945,074	3,126,566	6.2
West Virginia	317,482	376,293	548,802	582,453	600,447	650,642	674,664	717,095	718,596	742,631	3.3
Wisconsin	1,208,396	1,754,395	2,469,260	2,596,853	2,726,350	2,872,001	2,941,034	3,022,205	3,024,877	2,827,128	-6.5
Wyoming	126,082	203,307	240,216	265,048	260,592	271,396	294,334	291,864	291,864	296,393	1.6
U.S. Service Schools	592,454	912,393	1,150,209	1,241,392	1,267,497	1,309,330	1,313,438	1,394,800	1,394,800	1,465,216	5.0
Outlying areas	268,310	451,370	516,958	574,988	654,292	662,130	727,524	813,290	809,779	862,770	6.5
American Samoa	1,609	1,092	3,187	3,228	3,356	3,416	3,483	15,486	15,486	6,462	-58.3
Federated States of Micronesia	—	—	3,777	3,765	3,294	3,520	5,056	8,442	8,442	7,398	-12.4
Guam	16,100	31,310	57,645	67,220	71,917	66,913	81,148	68,230	68,230	69,168	1.4
Marshall Islands	—	—	—	3,588	1,298	1,527	1,237	1,282	1,282	1,352	—
Northern Marianas	—	1,350	2,798	3,194	2,505	3,214	12,366	15,029	15,029	16,393	9.1
Palau	—	—	3,837	3,687	4,485	3,476	3,667	5,942	5,942	3,940	-33.7
Puerto Rico	237,319	394,046	385,511	434,032	536,917	546,575	586,910	663,128	659,617	722,909	9.6
Trust Territory of the Pacific	1,447	5,992	—	—	—	—	—	—	—	—	—
Virgin Islands	11,835	17,580	60,202	56,274	30,520	33,489	33,656	35,750	35,750	35,149	-1.7

—Not available.

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

[3] Preliminary data.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared June 2000.)

Table 353.—Educational and general expenditures of public degree-granting institutions, by state: 1980–81 to 1996–97

[In thousands of dollars]

State or other area	Institutions of higher education [1]								Degree-granting institutions [2]		
	1980–81	1985–86	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1995–96	1996–97 [3]	Percent change, 1995–96 to 1996–97
1	2	3	4	5	6	7	8	9	10	11	12
United States	$34,173,013	$50,872,962	$74,395,428	$78,554,534	$83,210,979	$87,139,226	$92,173,768	$95,970,979	$96,085,623	$101,554,184	5.7
Alabama	611,409	979,770	1,415,440	1,456,605	1,580,484	1,710,955	1,834,533	1,880,788	1,880,788	1,925,876	2.4
Alaska	150,421	210,894	273,577	288,999	304,137	316,779	316,397	331,723	331,723	323,377	-2.5
Arizona	554,120	852,816	1,364,060	1,407,819	1,409,122	1,523,655	1,653,840	1,747,648	1,759,850	1,844,584	4.8
Arkansas	266,522	415,800	633,194	604,885	676,378	707,166	746,129	817,974	843,906	891,912	5.7
California	4,847,879	7,049,635	9,615,356	10,341,888	11,000,665	10,734,842	11,280,758	11,709,716	11,719,821	12,828,295	9.5
Colorado	561,552	809,621	1,258,356	1,363,615	1,452,957	1,529,290	1,604,656	1,705,832	1,705,832	1,788,917	4.9
Connecticut	281,581	439,397	673,182	736,202	731,570	771,954	883,759	912,566	911,255	941,151	3.3
Delaware	135,164	202,331	325,838	349,369	366,801	387,810	413,692	429,293	429,293	455,194	6.0
District of Columbia	71,245	79,922	96,411	98,973	97,586	95,824	98,041	97,399	101,839	106,118	4.2
Florida	1,071,754	1,638,227	2,657,553	2,710,041	2,904,932	3,101,072	3,234,938	3,402,373	3,390,561	3,638,284	7.3
Georgia	628,939	1,046,341	1,617,020	1,665,009	1,834,141	2,037,534	2,277,756	2,484,493	2,366,561	2,572,242	8.7
Hawaii	202,154	282,058	454,880	526,269	546,473	556,567	590,389	569,448	569,448	580,744	2.0
Idaho	141,296	202,736	303,224	334,762	346,932	375,289	395,733	420,747	428,068	445,369	4.0
Illinois	1,487,123	2,152,955	2,979,768	3,068,891	3,245,802	3,397,183	3,583,012	3,794,018	3,794,018	3,975,467	4.8
Indiana	771,564	1,183,098	1,842,610	1,935,566	2,014,834	2,105,645	2,196,013	2,300,841	2,300,841	2,444,413	6.2
Iowa	512,205	736,894	1,172,328	1,184,382	1,267,646	1,354,777	1,392,753	1,459,013	1,459,013	1,518,118	4.1
Kansas	461,979	660,995	928,772	994,560	1,059,683	1,134,392	1,196,211	1,234,345	1,244,531	1,289,656	3.6
Kentucky	527,235	737,101	1,112,190	1,208,448	1,212,211	1,254,859	1,321,523	1,419,040	1,419,040	1,551,033	9.3
Louisiana	557,825	810,479	1,135,955	1,215,771	1,275,446	1,339,408	1,449,305	1,513,214	1,570,429	1,654,488	5.4
Maine	127,983	183,349	308,699	316,116	324,515	338,776	343,665	356,682	360,331	380,156	5.5
Maryland	604,419	911,562	1,443,669	1,428,072	1,564,259	1,673,163	1,737,204	1,878,053	1,878,053	2,060,891	9.7
Massachusetts	441,068	779,341	1,122,629	1,165,598	1,295,720	1,339,199	1,400,824	1,470,591	1,476,589	1,562,825	5.8
Michigan	1,610,016	2,278,217	3,325,625	3,556,178	3,727,115	3,885,984	4,042,460	4,306,553	4,306,553	4,508,448	4.7
Minnesota	667,119	1,023,324	1,563,054	1,728,356	1,775,640	1,937,650	2,068,280	2,072,145	2,076,375	2,236,339	7.7
Mississippi	409,942	542,022	756,492	772,618	842,603	919,354	1,049,356	1,089,535	1,111,120	1,136,217	2.3
Missouri	553,793	802,936	1,155,531	1,184,338	1,260,304	1,339,527	1,456,516	1,560,758	1,566,489	1,691,270	8.0
Montana	99,990	148,099	210,813	262,480	279,323	303,495	322,880	350,086	350,086	388,693	11.0
Nebraska	286,122	397,523	600,224	639,475	672,427	706,454	727,977	753,703	753,703	788,822	4.7
Nevada	105,177	163,714	301,487	332,246	353,875	379,154	402,097	459,599	459,599	488,685	6.3
New Hampshire	104,285	143,191	229,360	252,021	275,138	295,687	304,474	316,456	316,456	336,903	6.5
New Jersey	735,097	1,140,310	1,875,481	2,002,975	2,103,355	2,237,339	2,363,439	2,461,249	2,461,249	2,533,747	2.9
New Mexico	278,960	393,151	671,206	724,157	769,646	806,673	899,545	939,532	953,396	1,028,650	7.9
New York	2,249,821	3,238,773	4,680,376	4,768,772	5,113,506	5,398,182	5,799,931	5,630,108	5,630,108	5,713,257	1.5
North Carolina	971,928	1,527,535	2,227,060	2,406,405	2,600,325	2,671,176	2,849,310	2,881,827	2,881,827	3,080,364	6.9
North Dakota	151,372	228,609	292,978	328,738	336,361	344,187	361,276	372,051	372,051	380,895	2.4
Ohio	1,327,483	2,019,351	3,046,603	3,214,612	3,185,955	3,362,837	3,616,901	3,769,392	3,774,974	3,873,433	2.6
Oklahoma	404,178	594,561	830,929	906,908	930,102	953,027	996,963	1,037,701	1,037,701	1,138,927	9.8
Oregon	497,593	672,175	996,887	1,086,673	1,142,781	1,194,805	1,281,381	1,351,507	1,351,507	1,490,766	10.3
Pennsylvania	1,231,502	1,814,384	2,737,817	2,963,168	3,087,186	3,280,879	3,439,340	3,562,793	3,562,793	3,667,956	3.0
Rhode Island	138,965	185,215	251,992	260,123	284,957	285,742	297,597	306,825	306,825	318,710	3.9
South Carolina	481,737	741,740	1,065,867	1,100,035	1,172,246	1,244,696	1,310,645	1,369,352	1,369,352	1,462,262	6.8
South Dakota	108,632	130,825	173,396	192,001	211,716	229,080	222,811	233,749	258,488	261,361	1.1
Tennessee	515,578	865,946	1,231,619	1,228,340	1,352,125	1,478,085	1,581,929	1,626,688	1,627,212	1,671,688	2.7
Texas	2,278,337	3,674,109	5,105,246	5,439,843	5,961,535	6,352,088	6,643,734	7,023,005	7,026,170	7,394,605	5.2
Utah	320,278	503,557	730,496	826,170	856,933	921,052	991,014	1,073,017	1,073,017	1,146,939	6.9
Vermont	101,539	157,266	238,512	258,150	263,475	271,261	279,882	292,072	292,072	308,235	5.5
Virginia	796,616	1,241,534	1,852,416	1,892,627	1,991,591	2,124,635	2,248,402	2,282,078	2,282,078	2,472,071	8.3
Washington	837,281	1,143,285	1,757,053	1,837,095	2,007,044	2,074,451	2,211,588	2,273,160	2,308,241	2,460,414	6.6
West Virginia	228,755	310,142	459,984	494,733	522,173	560,380	579,349	621,234	622,712	644,447	3.5
Wisconsin	998,862	1,438,918	2,057,786	2,158,188	2,266,312	2,394,285	2,437,859	2,510,572	2,513,244	2,585,549	2.9
Wyoming	111,170	171,335	204,028	225,238	222,188	231,190	254,469	251,339	251,339	253,867	1.0
U.S. Service Schools	555,447	805,892	1,030,399	1,110,028	1,130,748	1,169,731	1,181,234	1,247,093	1,247,093	1,311,552	5.2
Outlying areas	253,820	421,500	498,958	555,054	607,730	637,164	700,528	780,785	777,274	830,781	6.9
American Samoa	1,609	1,092	3,187	3,228	3,356	3,416	3,483	14,909	14,909	6,237	-58.2
Federated States of Micronesia	—	—	3,302	3,286	2,898	3,096	4,589	7,965	7,965	6,861	-13.9
Guam	15,582	29,916	55,641	64,772	68,550	63,515	77,783	65,258	65,258	65,965	1.1
Marshall Islands	—	—	—	3,093	1,220	1,454	1,183	1,226	1,226	1,293	5.4
Northern Marianas	—	1,328	2,472	2,803	2,230	2,838	12,305	14,989	14,989	16,393	9.4
Palau	—	—	3,277	3,172	3,808	2,847	3,156	3,332	3,332	3,377	1.3
Puerto Rico	224,988	367,523	378,352	427,021	497,590	529,255	567,140	641,083	637,571	699,734	9.7
Trust Territory of the Pacific	1,320	5,992	—	—	—	—	—	—	—	—	—
Virgin Islands	10,322	15,649	52,726	47,679	28,078	30,743	30,889	32,024	32,024	30,922	-3.4

—Not available.

[1] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[2] Four-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

[3] Preliminary data.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared June 2000.)

Table 354.—Current-fund expenditures and educational and general expenditures of private not-for-profit institutions of higher education, by state: 1985–86 to 1995–96

[In thousands of dollars]

State	Current-fund expenditures					Educational and general expenditures				
	1985–86	1990–91	1993–94	1994–95	1995–96	1985–86	1990–91	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11
United States	**$33,796,683**	**$52,079,906**	**$62,702,212**	**$66,122,565**	**$69,102,394**	**$24,738,587**	**$38,769,871**	**$47,600,834**	**$50,662,377**	**$53,540,243**
Alabama	178,766	239,264	295,574	305,267	325,421	156,267	207,496	260,722	268,310	287,587
Alaska	10,171	20,217	19,000	15,935	15,825	9,106	17,465	13,945	11,741	12,178
Arizona	29,714	55,142	68,051	73,978	79,145	25,426	48,149	62,256	67,250	72,212
Arkansas	66,123	105,495	127,431	140,758	148,871	51,883	86,400	106,175	118,323	125,776
California	3,603,948	5,471,945	6,244,725	6,664,795	7,045,087	2,239,751	3,435,708	4,195,856	4,458,381	4,701,163
Colorado	149,800	228,407	272,360	281,927	306,164	132,057	201,333	243,812	254,409	276,668
Connecticut	833,406	1,289,575	1,522,821	1,604,088	1,698,631	729,820	1,139,410	1,358,776	1,436,899	1,520,554
Delaware	29,569	23,875	31,836	32,995	34,192	26,501	21,598	29,040	30,471	31,751
District of Columbia	1,302,567	1,944,605	2,359,300	2,502,088	2,542,361	798,756	1,167,674	1,348,642	1,431,299	1,478,935
Florida	699,301	1,196,724	1,463,445	1,579,744	1,685,909	530,090	927,485	1,138,697	1,238,143	1,320,668
Georgia	678,129	1,179,901	1,629,638	1,737,652	1,837,837	413,148	745,739	1,072,149	1,131,412	1,205,439
Hawaii	32,553	42,881	95,803	100,046	112,487	25,323	36,528	76,909	80,510	94,552
Idaho	49,768	73,335	92,807	95,706	101,336	37,736	58,068	80,720	83,963	88,645
Illinois	2,697,651	3,898,129	4,717,431	5,039,207	4,886,489	1,464,293	2,297,177	2,879,622	3,126,846	3,357,508
Indiana	516,649	816,342	985,351	1,057,524	1,131,998	413,628	669,802	816,341	880,576	950,855
Iowa	348,541	526,077	672,105	699,340	724,931	287,079	438,537	569,117	594,104	615,311
Kansas	105,193	144,471	171,402	180,052	189,318	87,719	124,578	149,127	157,710	166,024
Kentucky	164,491	251,560	303,998	322,466	343,696	129,775	205,496	251,021	266,885	287,055
Louisiana	352,186	566,331	735,286	619,042	647,591	220,929	366,843	455,750	518,458	515,214
Maine	130,626	195,243	231,191	243,003	261,920	103,759	162,712	192,943	203,574	221,447
Maryland	895,453	1,460,393	1,728,026	1,795,866	1,870,451	562,025	985,902	1,216,146	1,298,456	1,354,261
Massachusetts	3,539,442	5,332,122	6,110,778	6,410,944	6,778,728	2,813,131	4,270,480	5,116,856	5,425,030	5,721,614
Michigan	447,436	699,193	826,746	855,969	906,246	384,533	618,422	730,458	759,066	803,848
Minnesota	514,606	704,159	777,317	835,710	880,488	437,137	600,818	656,286	709,344	747,375
Mississippi	61,672	97,737	121,959	128,400	138,808	52,869	84,806	107,001	114,038	122,699
Missouri	895,639	1,460,670	1,738,375	1,863,299	1,961,954	705,570	1,155,834	1,423,585	1,546,602	1,575,734
Montana	19,882	33,471	44,193	50,343	56,028	16,269	29,165	38,509	44,086	49,855
Nebraska	161,066	243,678	300,276	316,684	333,719	138,929	217,590	268,746	287,419	303,937
Nevada	2,448	2,991	4,926	5,356	5,981	2,448	2,593	4,293	4,616	5,391
New Hampshire	259,187	399,725	476,137	493,772	518,980	225,456	348,112	416,727	431,135	453,866
New Jersey	711,478	957,661	1,176,088	1,215,489	1,262,798	537,298	766,929	949,927	988,131	1,027,923
New Mexico	22,196	22,969	32,874	33,350	34,683	19,678	19,682	27,567	28,714	29,652
New York	5,487,876	8,113,252	9,930,462	10,424,477	10,836,610	4,467,861	6,607,801	8,095,536	8,500,357	8,888,821
North Carolina	815,258	1,698,373	2,165,209	2,328,865	2,439,035	576,298	1,117,334	1,416,468	1,514,290	1,592,275
North Dakota	18,853	27,978	36,380	37,350	45,261	15,860	24,033	31,776	32,912	40,600
Ohio	924,464	1,441,192	1,755,406	1,850,166	1,973,986	782,760	1,241,939	1,536,893	1,620,912	1,730,980
Oklahoma	174,542	257,433	270,702	283,509	310,010	145,202	216,368	233,556	248,985	271,900
Oregon	168,031	271,971	328,798	359,579	385,185	145,976	242,945	294,062	321,865	343,768
Pennsylvania	3,106,911	4,838,303	5,856,506	6,089,249	6,361,053	1,986,082	3,180,299	3,969,587	4,237,558	4,607,717
Rhode Island	315,651	518,425	636,510	667,901	706,781	261,616	437,800	545,057	575,255	604,862
South Carolina	192,141	315,236	310,486	324,648	347,026	151,123	254,390	260,850	274,049	294,984
South Dakota	39,893	52,180	54,663	57,643	59,988	34,212	46,187	48,450	51,477	53,557
Tennessee	676,815	1,084,292	1,343,820	1,402,160	1,512,404	431,327	694,318	885,665	946,888	1,017,011
Texas	986,318	1,492,198	1,781,097	1,900,574	2,004,583	848,799	1,332,293	1,604,014	1,712,398	1,808,955
Utah	182,127	269,613	449,691	480,990	515,069	109,947	220,023	308,494	322,375	339,908
Vermont	150,689	266,539	269,666	288,223	305,294	126,299	229,548	232,565	250,310	264,387
Virginia	384,007	649,347	775,845	848,456	864,606	309,665	559,607	672,359	741,528	756,700
Washington	225,637	354,262	455,483	492,370	517,804	188,068	302,690	394,923	429,428	452,996
West Virginia	71,547	104,122	137,492	167,111	168,229	58,730	89,187	120,423	148,386	149,678
Wisconsin	366,266	640,901	766,744	818,499	881,396	320,370	514,579	692,432	737,505	795,443
Wyoming	—	—	—	—	—	—	—	—	—	—
Outlying areas	189,424	245,693	316,382	337,090	345,802	179,851	231,377	298,995	320,705	330,230
Puerto Rico	189,424	245,693	316,382	337,090	345,802	179,851	231,377	298,995	320,705	330,230

—Not available.

NOTE: Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" survey; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared January 1999.)

Table 355.—Additions to physical plant value of degree-granting institutions, by type of addition and control of institution: 1969–70 to 1996–97

[In millions]

Year	Total, all institutions	Public institutions				Private institutions			
		Total	Land	Buildings	Equipment	Total	Land	Buildings	Equipment
1	2	3	4	5	6	7	8	9	10
1969–70	$4,233	$2,985	$152	$2,185	$648	$1,248	$59	$967	$221
1970–71	4,165	3,032	128	2,241	663	1,134	41	895	198
1971–72	4,163	3,054	112	2,277	665	1,109	53	860	195
1972–73	3,967	2,940	126	2,077	737	1,028	53	750	225
1973–74	4,312	3,206	205	2,188	813	1,106	55	816	235
1974–75	4,761	3,476	263	2,246	967	1,284	67	860	357
1975–76	4,702	3,552	168	2,365	1,019	1,150	58	768	325
1976–77	4,623	3,362	128	2,208	1,026	1,261	58	838	366
1977–78	4,527	3,306	102	2,117	1,087	1,221	45	777	400
1978–79	4,576	3,377	154	1,944	1,279	1,199	52	763	383
1979–80	5,551	3,666	164	2,149	1,354	1,886	98	1,220	568
1980–81	6,471	4,279	146	2,555	1,579	2,192	104	1,398	690
1981–82	6,975	4,594	170	2,679	1,744	2,382	83	1,488	811
1982–83	7,421	4,765	374	2,396	1,994	2,656	106	1,666	884
1983–84	7,604	5,038	196	2,427	2,415	2,566	110	1,507	950
1984–85	8,306	5,390	202	2,455	2,733	2,916	135	1,671	1,110
1985–86	10,149	6,875	237	3,318	3,320	3,274	128	1,922	1,225
1986–87	10,675	6,899	313	3,235	3,351	3,776	160	2,408	1,208
1987–88	11,589	7,218	272	3,520	3,426	4,371	250	2,715	1,406
1988–89	13,638	8,162	562	3,845	3,756	5,477	243	3,401	1,833
1989–90	15,900	10,616	532	5,438	4,647	5,284	408	3,277	1,599
1990–91	17,634	11,472	449	6,168	4,855	6,162	448	3,799	1,914
1991–92	15,543	9,820	412	5,272	4,136	5,723	380	3,419	1,925
1992–93	16,494	10,599	336	5,982	4,281	5,895	491	3,458	1,946
1993–94	16,379	10,263	361	5,582	4,320	6,116	259	3,840	2,017
1994–95	18,556	12,129	448	7,079	4,603	6,427	277	3,994	2,156
1995–96	20,873	13,228	428	7,658	5,141	7,645	356	4,897	2,392
1996–97[1]	—	13,642	392	8,097	5,153	—	—	—	—

—Not available.

[1] Preliminary data.

NOTE: Data for 1969–70 to 1994–95 are for institutions of higher education. Institutions of higher education were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award associate or higher degrees. Data for 1995–96 and 1996–97 are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared June 2000.)

Table 356.—Value of property and liabilities of degree-granting institutions: 1899–1900 to 1995–96

[In thousands]

Academic year	Property value at end of year						Endowment (end of year market value)[1]	Liabilities of plant funds
	Total	Physical plant value				Endowment (book value)[1]		
		Total	Land	Buildings	Equipment			
1	2	3	4	5	6	7	8	9
	Higher education institutions[2]							
1899–1900	$448,597	$253,599	—	—	—	[3]$194,998	—	—
1909–10	781,255	457,594	$92,359	$297,153	$68,082	[3]323,661	—	—
1919–20	1,316,404	747,333	128,922	495,920	122,491	[3]569,071	—	—
1929–30	3,437,117	2,065,049	304,114	1,490,014	270,921	[3]1,372,068	—	—
1935–36	3,913,028	2,359,418	334,085	1,636,722	388,611	[3]1,553,610	—	—
1937–38	4,208,695	2,556,075	313,665	1,811,309	431,101	1,652,620	—	—
1939–40	4,440,063	2,753,780	—	—	—	1,686,283	—	—
1941–42	4,525,925	2,759,261	—	—	—	[3]1,766,664	—	—
1947–48	6,076,212	3,691,725	—	—	—	2,384,487	—	—
1949–50	7,401,187	4,799,964	—	—	—	[3]2,601,223	—	—
1951–52	9,241,725	6,373,195	—	—	—	2,868,530	—	—
1953–54	10,717,082	7,523,193	—	—	—	3,193,889	—	—
1955–56	12,561,046	8,858,907	624,467	[4]6,697,648	1,536,792	3,702,139	—	$894,383
1957–58	15,770,197	11,124,489	733,182	[4]8,540,429	1,850,878	4,645,708	—	1,444,602
1959–60	18,870,628	13,548,548	842,664	[4]10,472,478	2,233,407	5,322,080	—	1,964,306
1961–62	22,761,193	16,681,844	1,009,294	[4]12,900,093	2,772,457	6,079,349	—	2,806,868
1963–64	28,232,362	21,279,346	1,292,691	[4]16,460,867	3,525,788	6,953,016	—	4,190,189
1965–66	35,274,597	26,851,273	1,758,901	[4]20,653,028	4,439,344	8,423,324	$11,126,831	6,071,750
1967–68	—	34,506,348	2,062,545	[4]26,673,826	5,769,977	—	—	—
1969–70	52,930,923	42,093,580	3,076,751	31,865,179	7,151,649	10,837,343	11,206,632	9,384,731
1970–71	57,394,951	46,053,585	3,117,895	35,042,590	7,893,100	11,341,366	13,714,330	9,786,240
1971–72	62,136,459	50,153,251	3,287,326	38,131,339	8,734,586	11,983,208	15,180,934	10,291,095
1972–73	66,814,103	53,814,596	3,492,611	40,808,481	9,513,503	12,999,507	15,099,840	10,823,595
1973–74	71,305,817	58,002,777	3,888,372	43,701,491	10,412,914	13,303,040	13,168,076	11,400,916
1974–75	75,585,674	62,183,078	4,210,901	46,453,642	11,518,536	13,402,596	14,364,545	12,413,420
1975–76	80,300,595	66,348,304	4,345,232	49,349,224	12,653,847	13,952,291	15,488,265	12,687,015
1976–77	85,486,550	70,739,427	4,444,927	52,384,393	13,910,107	14,747,123	16,304,553	13,068,341
1977–78	90,337,044	74,770,804	4,621,071	55,188,603	14,961,131	15,566,240	16,840,129	13,437,861
1978–79	95,442,468	78,637,991	4,824,250	57,563,005	16,250,737	16,804,477	18,158,634	13,712,648
1979–80	102,294,859	83,733,387	5,037,172	60,847,097	17,849,119	18,561,472	20,743,045	14,181,991
1980–81	109,701,242	88,760,567	5,212,453	64,158,017	19,390,097	20,940,675	23,465,001	14,794,669
1981–82	117,601,954	94,516,512	5,402,339	67,794,877	21,319,297	23,085,442	24,415,245	15,487,618
1982–83	127,345,302	100,992,841	5,889,080	71,519,718	23,584,042	26,352,461	32,691,133	16,749,900
1983–84	137,141,741	107,640,113	6,109,746	75,220,765	26,309,602	29,501,629	32,975,610	18,277,315
1984–85	148,163,096	114,763,986	6,236,159	79,133,998	29,393,829	33,399,110	39,916,361	22,105,712
1985–86	160,959,517	122,261,355	6,573,923	82,886,012	32,801,419	38,698,162	50,280,775	25,699,408
1986–87	—	126,426,171	7,165,445	84,838,657	34,422,069	—	56,585,153	—
1987–88	—	139,456,342	8,307,789	92,428,615	38,719,937	—	57,391,814	—
1988–89	—	158,693,085	9,462,095	104,743,145	44,487,845	—	64,155,247	—
1989–90	—	164,635,000	9,968,000	108,609,000	46,058,000	—	67,978,726	—
1990–91	—	178,084,000	10,028,000	117,683,000	50,373,000	—	72,048,579	—
1991–92	—	184,813,238	10,528,395	122,422,566	51,862,277	—	82,534,026	—
1992–93	—	192,760,817	11,006,451	128,436,599	53,317,767	—	92,239,311	—
1993–94	—	199,463,715	11,197,662	133,124,680	55,141,373	—	96,012,591	—
1994–95	—	212,201,113	11,710,436	142,553,837	57,936,840	—	109,706,704	—
	Degree-granting institutions[5]							
1995–96	—	220,400,104	11,407,020	150,458,886	58,534,198	—	128,837,030	—

—Not available.

[1] Includes funds functioning as endowment.

[2] Institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education.

[3] Includes annuity funds.

[4] Includes improvements to land and equipment. These funds are included under appropriate categories after 1967–68.

[5] Data are for 4-year and 2-year degree-granting institutions that were participating in Title IV federal financial aid programs.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared November 1998.)

Table 357.—Endowment funds of the 120 colleges and universities with the largest amounts: 1999 and 2000

Institution	Rank order[1]	Market value of endowment as of June 30 (in thousands of dollars)		One-year change[2]
		1999	2000	
1	2	3	4	5
120 institutions with the largest amounts in 2000	—	**$154,674,237**	**$194,002,768**	**25.4**
Harvard University (MA)	1	14,255,996	18,844,338	32.2
Yale University (CT)	2	7,197,900	10,084,900	40.1
University of Texas System	3	8,128,298	10,013,175	23.2
Stanford University (CA)[3]	4	6,005,211	8,649,475	44.0
Princeton University (NJ)	5	6,469,200	8,398,100	29.8
Massachusetts Institute of Technology	6	4,287,701	6,475,506	51.0
University of California (CA)	7	4,315,219	5,639,777	30.7
Emory University (GA)	8	4,475,755	5,032,683	12.4
Columbia University (NY)	9	3,636,621	4,263,972	17.3
Washington University (MO)	10	3,761,686	4,234,599	12.6
Texas A&M University System[4]	11	3,746,624	4,205,849	12.3
University of Chicago (IL)	12	2,762,686	3,828,664	38.6
University of Michigan	13	2,525,612	3,468,372	37.3
Cornell University (NY)	14	2,869,103	3,436,926	19.8
Rice University (TX)	15	2,936,622	3,372,458	14.8
Northwestern University (IL)	16	2,634,850	3,368,233	27.8
University of Pennsylvania	17	3,281,342	3,200,812	-2.5
University of Notre Dame (IN)	18	1,984,256	3,089,007	55.7
Duke University (NC)	19	1,678,728	2,663,891	58.7
Dartmouth College (NH)	20	1,710,585	2,490,376	45.6
Vanderbilt University (TN)	21	1,831,766	2,314,935	26.4
University of Southern California	22	1,589,833	2,152,589	35.4
Johns Hopkins University (MD)	23	1,520,793	1,825,212	20.0
University of Virginia	24	1,398,068	1,738,984	24.4
Case Western Reserve University (OH)	25	1,434,200	1,550,600	8.1
University of Minnesota[4]	26	1,283,934	1,550,107	20.7
California Institute of Technology[5]	27	1,333,229	1,535,702	15.2
Brown University (RI)	28	1,181,514	1,416,052	19.9
Rockefeller University (NY)	29	1,007,600	1,372,200	36.2
Williams College (MA)	30	923,243	1,357,589	47.0
Purdue University (IN)	31	1,222,411	1,301,976	6.5
Ohio State University[4]	32	1,086,350	1,294,923	19.2
University of Rochester (NY)	33	1,119,027	1,278,774	14.3
Wellesley College (MA)	34	887,489	1,253,385	41.2
Pomona College (CA)	35	759,519	1,109,410	46.1
University of N.C., Chapel Hill[4]	36	925,746	1,105,254	19.4
University of Richmond (VA)	37	803,252	1,068,708	33.0
Baylor College of Medicine (TX)	38	—	1,044,685	—
Boston College (MA)[6]	39	908,000	1,044,542	15.0
New York University	40	1,035,900	1,030,800	-0.5
University of Pittsburgh (PA)	41	854,840	1,018,015	19.1
Texas Christian University	42	835,547	988,127	18.3
Pennsylvania State University	43	792,185	976,298	23.2
Wake Forest University (NC)	44	857,938	969,618	13.0
University of Cincinnati (OH)	45	898,976	963,907	7.2
Swarthmore College (PA)	46	905,680	963,676	6.4
University of Toronto (Canada)	47	765,636	961,103	25.5
University of Washington	48	745,217	949,796	27.5
Saint Louis University (IL)	49	907,822	925,955	2.0
University of Illinois[4]	50	816,573	915,436	12.1
Boston University (MA)	51	652,161	913,207	40.0
Amherst College (MA)	52	634,517	912,399	43.8
University of Delaware	53	777,349	911,521	17.3
Southern Methodist University (TX)[7]	54	790,065	911,121	15.3
Indiana University[4]	55	802,395	907,463	13.1
Smith College (MA)	56	884,782	906,942	2.5
University of Nebraska[4]	57	682,525	901,864	32.1
University of Wisconsin[4]	58	653,551	880,695	34.8
Grinnell College (IA)	59	1,020,372	862,487	-15.5
Berea College (KY)	60	629,981	861,303	36.7
Kansas University Endowment Association	61	766,673	855,452	11.6
Carnegie Mellon University (PA)	62	719,320	829,121	15.3
Syracuse University (NY)	63	641,466	825,250	28.7
Georgia Institute of Technology[4]	64	590,175	801,831	35.9
Lehigh University (PA)	65	675,595	791,190	17.1
Yeshiva University (NY)	66	674,833	775,262	14.9
University of Missouri System	67	686,900	753,000	9.6
Georgetown University (DC)	68	684,193	745,398	8.9
George Washington University (DC)[6]	69	673,589	737,647	9.5
Rensselaer Polytechnic Institute (NY)	70	516,238	729,973	41.4
University of Tulsa (OK)[7]	71	684,138	725,470	6.0
University of Florida[4]	72	601,813	681,370	13.2
Carleton College (MN)	73	551,019	680,586	23.5
Vassar College (NY)	74	578,423	675,113	16.7
Middlebury College (VT)	75	604,841	666,783	10.2
Trinity University (TX)[7]	76	584,445	656,978	12.4
Baylor University (TX)[7]	77	587,183	645,095	9.9
Tulane University (LA)	78	548,305	636,350	16.1
University of Alabama System[5]	79	553,189	619,891	12.1
Oberlin College (OH)	80	508,490	610,229	20.0
Wesleyan University (CT)	81	530,323	579,914	9.4
Macalester College (MN)	82	517,180	564,439	9.1
Rochester Institute of Technology (NY)	83	437,111	524,714	20.0
Tufts University (MA)	84	464,107	523,520	12.8
Northeastern University (MA)	85	396,205	518,536	30.9
University of Maryland System[4]	86	498,703	498,533	-0.0
Denison University (OH)	87	355,116	498,362	40.3
University of Oklahoma[4]	88	483,946	492,127	1.7
Claremont McKenna College (CA)	89	392,833	487,120	24.0
DePauw University (IN)	90	418,314	482,251	15.3
University of California Los Angeles[4]	91	402,537	472,246	17.3
Bryn Mawr College (PA)	92	426,499	466,960	9.5
Bowdoin College (ME)	93	406,853	465,274	14.4
Bucknell University (PA)	94	392,372	465,262	18.6
University of Miami (FL)[7]	95	428,571	465,212	8.5
University of Louisville (KY)[4]	96	381,821	454,521	19.0
Lafayette College (PA)	97	468,003	451,160	-3.6
State University of New York/Buffalo[4]	98	438,002	447,322	2.1
University of Houston System (TX)	99	413,101	443,883	7.5
University of Tennessee System	100	378,099	440,309	16.5
Colgate University (NY)	101	383,018	439,115	14.6
Washington State University	102	421,402	437,093	3.7
Rutgers University (NJ)	103	389,712	435,064	11.6
Hamilton College (NY)	104	355,726	432,225	21.5
Mount Holyoke College (MA)	105	355,473	425,296	19.6
University of Iowa[4]	106	476,800	424,159	-11.0
Santa Clara University (CA)	107	373,580	411,260	10.1
Iowa State University[4]	108	266,348	410,704	54.2
Agnes Scott College (GA)	109	432,233	408,141	-5.6
Brandeis University (MA)	110	355,012	406,722	14.6
Colorado College	111	367,090	405,641	10.5
Pepperdine University (CA)	112	337,049	402,264	19.3
Washington and Lee University (VA)	113	—	399,567	—
University of Colorado[4]	114	325,975	398,267	22.2
Earlham College (IN)	115	302,856	392,316	29.5
University of Georgia[4]	116	334,534	388,422	16.1
College of William and Mary (VA)[4]	117	354,616	382,528	7.9
Colby College (ME)	118	290,420	373,535	28.6
University of Kentucky	119	327,644	370,125	13.0
Virginia Tech Foundation	120	340,244	368,197	8.2

—Not available

[1] Institutions ranked by size of endowment in 2000.

[2] Change in market value of endowment. Includes growth from gifts and returns on investments, as well as reductions from expenditures and withdrawals.

[3] As of August 31.

[4] Includes foundations.

[5] As of September 30.

[6] As of January 31.

[7] As of May 31.

NOTE: Data include institutions participating in the comparative-performance study by the National Association of College and University Business Officers. Endowment values for 1999 are from the Association's February 2000 study.

SOURCE: National Association of College and University Business Officers, *NACUBO Endowment Study, 2000.* (This table was prepared May 2001.)

Table 358.—Participation of employed persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: 1995 and 1999

Characteristics of employed persons	1995								1999								
	Employed persons, in thousands	Adult education participants, in thousands	Percent of adults participating				Number of career or job-related courses taken, per employee	Percent of career or job-related courses provided by businesses	Employed persons, in thousands	Adult education participants, in thousands	Percent of adults participating					Number of career or job-related courses, taken in thousands	Number of career or job-related courses taken, per employee
			In any programs	In part-time higher education	Other personal courses	In career or job-related courses					In any programs	In part-time higher education	In career or job-related courses	In apprentice programs	Other personal courses		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Total	**117,826**	**59,734**	**50.7**	**8.2**	**22.0**	**31.1**	**0.78**	**49.0**	**132,715**	**69,644**	**52.5 (1.3)**	**11.9 (0.8)**	**30.6 (1.1)**	**2.2 (0.4)**	**23.4 (1.1)**	**91,369**	**0.70 (0.03)**
Sex																	
Men	63,127	29,346	46.5	7.0	17.9	29.0	0.70	46.7	69,950	33,671	48.1 (1.4)	11.6 (0.8)	28.3 (1.2)	3.0 (0.4)	18.2 (1.0)	43,645	0.62 (0.03)
Women	54,699	30,387	55.6	9.7	26.8	33.4	0.86	50.9	62,765	35,973	57.3 (1.3)	12.4 (0.8)	32.9 (1.1)	1.4 (0.3)	29.2 (1.1)	47,724	0.76 (0.03)
Age																	
17 to 24 years	15,104	7,653	50.7	14.2	21.8	18.6	0.39	53.8	16,697	8,412	50.4 (2.7)	16.2 (1.8)	19.1 (1.9)	4.4 (1.4)	19.8 (1.8)	6,836	0.41 (0.06)
25 to 29 years	14,207	7,746	54.5	12.5	22.2	31.2	0.76	51.3	15,352	8,871	57.8 (2.8)	20.2 (2.0)	34.3 (2.4)	3.7 (0.9)	23.4 (2.2)	11,862	0.77 (0.08)
30 to 34 years	16,291	8,323	51.1	8.9	22.8	31.6	0.78	49.7	16,343	9,556	58.5 (2.8)	14.2 (1.8)	34.4 (2.5)	2.9 (0.8)	26.0 (2.3)	12,675	0.78 (0.08)
35 to 39 years	17,595	9,361	53.2	8.4	21.8	35.1	0.91	51.8	20,041	10,309	51.4 (2.6)	11.8 (1.5)	29.2 (2.2)	1.6 (0.5)	25.1 (2.3)	14,192	0.71 (0.07)
40 to 44 years	16,049	8,906	55.5	8.0	26.0	36.6	0.93	44.9	18,392	10,126	55.1 (2.7)	10.7 (1.5)	36.4 (2.4)	1.5 (0.6)	25.6 (2.2)	15,415	0.84 (0.07)
45 to 49 years	13,743	7,586	55.2	6.3	23.0	39.6	1.03	44.8	14,944	8,231	55.1 (2.9)	9.8 (1.4)	30.4 (2.4)	1.8 (0.8)	27.7 (2.4)	9,886	0.66 (0.06)
50 to 54 years	10,408	5,222	50.2	4.9	20.9	34.4	0.87	49.2	12,820	6,658	51.9 (3.0)	6.2 (1.1)	34.7 (2.6)	1.3 (0.5)	23.1 (2.3)	9,820	0.77 (0.07)
55 to 59 years	6,698	2,667	39.8	2.3	18.0	26.7	0.66	46.8	9,672	4,319	44.7 (3.3)	7.9 (1.9)	30.3 (2.8)	0.8 (0.6)	16.7 (2.3)	6,135	0.63 (0.08)
60 to 64 years	4,435	1,394	31.4	0.6	15.3	21.1	0.49	58.6	4,526	1,900	42.0 (4.4)	4.6 (1.6)	27.2 (3.8)	0.8 (0.8)	18.1 (3.0)	3,004	0.66 (0.15)
65 and over	3,297	876	26.6	0.3	16.3	13.7	0.37	39.7	2,135	837	39.2 (6.0)	4.3 (2.5)	20.3 (4.2)	0.2 (0.3)	21.3 (5.0)	800	0.39 (0.08)
Racial/ethnic group																	
White, non-Hispanic	92,333	47,967	51.9	8.0	22.7	33.2	0.83	47.9	96,581	51,612	53.4 (1.1)	11.5 (0.6)	32.8 (1.0)	1.7 (0.3)	24.3 (0.9)	71,627	0.64 (0.03)
Black, non-Hispanic	11,577	5,800	50.1	10.5	23.1	26.2	0.67	58.4	15,227	8,160	53.6 (2.8)	13.0 (1.6)	28.1 (2.3)	4.1 (1.3)	26.2 (2.4)	9,754	0.96 (0.07)
Hispanic	8,980	3,627	40.4	6.7	15.1	18.1	0.37	46.8	13,805	6,107	44.2 (3.1)	10.6 (1.7)	16.4 (1.8)	4.3 (1.5)	15.9 (2.2)	5,061	0.53 (0.05)
Asian American/Pacific Islander	2,825	1,246	44.1	8.0	15.1	25.5	0.58	48.6	4,273	2,275	53.2 (5.5)	19.6 (4.3)	32.8 (4.8)	0.0 (0.0)	20.5 (4.2)	3,135	0.37 (0.15)
American Indian/Alaskan Native	663	329	49.6	13.9	25.2	34.0	0.86	54.6	667	350	52.5 (13.1)	20.9 (10.0)	29.5 (11.5)	6.8 (5.6)	10.0 (6.0)	642	0.73 (0.52)
Highest level of education completed																	
Less than high school diploma	9,635	2,444	25.4	0.8	9.4	8.8	0.15	56.6	14,493	4,271	29.5 (8.8)	3.2 (2.0)	7.9 (2.3)	2.5 (1.7)	11.1 (3.1)	1,987	0.41 (0.05)
High school diploma	38,071	14,639	38.5	4.9	16.5	20.9	0.45	56.7	37,383	15,037	40.2 (1.8)	8.9 (0.9)	21.4 (1.5)	2.4 (0.6)	16.2 (1.3)	15,250	0.82 (0.03)
Some vocational/technical	3,997	2,078	52.0	7.2	23.5	32.3	0.82	45.3	4,165	2,025	48.6 (15.5)	9.7 (3.5)	28.7 (5.8)	5.1 (3.2)	21.5 (5.7)	3,030	0.91 (0.17)
Some college	23,006	12,868	55.9	14.3	25.4	29.9	0.74	53.5	24,577	13,860	56.4 (2.1)	16.7 (1.5)	29.0 (1.8)	3.0 (0.7)	27.0 (1.8)	17,331	0.71 (0.06)
Associate degree	7,591	4,746	62.5	13.3	27.7	39.2	1.02	49.7	9,240	5,698	61.7 (3.3)	19.3 (2.4)	39.7 (3.1)	2.6 (0.9)	25.2 (2.8)	8,133	0.88 (0.09)
Bachelor's degree	20,602	12,948	62.8	8.3	26.5	44.6	1.17	47.2	23,943	15,377	64.2 (2.1)	12.5 (1.3)	43.8 (2.0)	1.0 (0.3)	29.8 (1.8)	24,068	1.01 (0.06)
Some graduate work (or study)	14,924	10,010	67.1	9.9	29.6	50.2	1.40	40.3	18,914	13,377	70.7 (19.4)	14.6 (3.1)	46.8 (4.2)	1.4 (1.0)	34.0 (3.7)	21,570	1.22 (0.14)
No degree	2,770	1,987	71.8	19.7	34.8	44.3	1.20	45.6	3,168	2,353	74.3 (4.5)	24.4 (4.1)	54.2 (4.9)	0.9 (0.7)	30.4 (4.3)	3,785	1.19 (0.14)
Master's	8,149	5,456	67.0	9.6	30.4	50.5	1.44	41.7	10,243	7,266	70.9 (2.9)	13.6 (2.0)	45.3 (3.0)	0.9 (0.4)	36.8 (2.9)	11,711	1.14 (0.11)
Doctor's	2,060	1,133	55.0	5.0	22.4	40.4	0.98	35.5	3,698	2,350	63.6 (5.3)	9.7 (2.6)	34.4 (4.8)	3.2 (1.5)	32.8 (5.0)	2,623	0.71 (0.12)
Professional	1,946	1,434	73.7	2.6	26.4	67.6	1.97	31.4	1,804	1,407	78.0 (6.6)	13.0 (7.1)	67.6 (7.0)	1.4 (1.4)	26.6 (5.7)	3,452	1.91 (0.31)
Metropolitan area																	
Inside metropolitan area	89,192	46,911	52.6	8.7	22.6	32.4	0.81	48.6	102,278	54,210	53.0 (1.9)	11.7 (1.0)	31.5 (1.7)	2.3 (0.5)	23.1 (1.5)	73,498	0.72 (0.05)
Inside central city	74,367	39,519	53.1	8.8	22.5	33.3	0.83	48.3	87,662	46,478	53.0 (1.2)	12.0 (0.7)	31.2 (1.0)	2.4 (0.4)	23.3 (0.9)	61,774	0.70 (0.03)
Outside central city	14,825	7,392	49.9	8.0	23.1	27.9	0.70	50.9	14,616	7,732	52.9 (2.8)	9.6 (1.5)	32.9 (2.5)	1.8 (0.6)	21.8 (2.1)	11,724	0.80 (0.08)
Outside metropolitan area	28,634	12,823	44.8	6.9	20.2	26.9	0.66	50.2	30,437	15,434	50.7 (2.1)	12.8 (1.3)	27.1 (1.7)	2.0 (0.7)	24.5 (1.7)	17,871	0.59 (0.05)
Occupation																	
Executive, administrative, or managerial	12,500	7,070	56.6	7.4	23.4	42.9	1.20	37.7	25,407	14,654	57.7 (2.2)	11.1 (1.2)	40.6 (2.1)	1.2 (0.4)	23.9 (1.7)	24,581	0.97 (0.07)
Engineers, surveyors, and architects	1,702	1,116	65.6	14.5	23.7	44.2	1.07	59.0	1,967	1,575	80.1 (6.2)	26.2 (5.7)	52.1 (7.0)	6.0 (4.3)	29.5 (6.0)	2,037	1.04 (0.16)
Natural scientists and mathematicians	1,648	1,211	73.5	10.4	25.6	59.7	1.75	44.0	2,180	1,379	63.2 (7.0)	13.7 (4.2)	46.0 (6.6)	1.4 (0.9)	26.0 (5.8)	1,782	0.82 (0.14)
Social scientists and workers, lawyers	2,438	1,873	76.8	11.7	32.4	59.5	1.77	35.6	2,875	2,295	79.8 (4.5)	10.8 (3.2)	56.9 (5.7)	0.7 (0.7)	41.3 (5.5)	4,893	1.70 (0.24)
Teachers, elementary/secondary	5,207	4,046	77.7	16.9	36.9	53.9	1.46	50.5	6,634	5,272	79.5 (3.2)	24.6 (3.0)	52.1 (3.5)	0.4 (0.2)	39.3 (3.4)	8,077	1.22 (0.11)
Teachers, postsecondary	1,175	657	55.9	4.4	26.1	41.6	1.03	53.5	1,941	1,286	66.3 (6.0)	13.1 (4.3)	35.6 (5.9)	2.1 (1.3)	41.0 (6.1)	1,427	0.74 (0.14)
Physicians, dentists, veterinarians	828	590	71.3	1.3	18.3	68.6	2.00	32.4	563	472	83.9 (8.6)	5.0 (4.9)	65.2 (12.0)	4.5 (4.5)	29.0 (11.8)	859	1.53 (0.50)
Registered nurses, pharmacists	2,143	1,896	88.5	11.2	34.6	72.8	2.24	45.6	3,051	2,654	87.0 (4.1)	16.6 (4.9)	72.2 (5.0)	0.2 (0.2)	47.9 (5.5)	5,639	1.85 (0.21)
Writers, artists, entertainers, and athletes	1,675	829	49.5	8.1	28.7	23.4	0.46	33.3	2,162	1,065	49.3 (7.5)	15.4 (4.8)	30.6 (6.2)	2.5 (1.3)	18.8 (5.0)	1,354	0.63 (0.18)

Table 358.—Participation of employed persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: 1995 and 1999—Continued

Characteristics of employed persons	1995								1999								
	Employed persons, in thousands	Adult education participants, in thousands	Percent of adults participating				Number of career or job-related courses taken, per employee	Percent of career or job-related courses provided by businesses	Employed persons, in thousands	Adult education participants, in thousands	Percent of adults participating					Number of career or job-related courses, taken in thousands	Number of career or job-related courses taken, per employee
			In any programs	In part-time higher education	Other personal courses	In career or job-related courses					In any programs	In part-time higher education	In career or job-related courses	In apprentice programs	Other personal courses		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Health technologists and technicians	1,528	1,147	75.1	12.9	32.1	50.0	1.39	45.0	2,074	1,436	69.2 (6.4)	19.9 (4.5)	41.8 (6.0)	5.2 (3.5)	37.0 (6.0)	2,158	1.04 (0.19)
Technologists, except health	3,283	2,153	65.6	12.9	28.3	43.8	1.12	55.8	4,803	2,775	57.8 (5.3)	20.1 (3.8)	37.6 (4.9)	4.0 (2.8)	23.3 (4.1)	4,644	0.97 (0.15)
Marketing and sales occupations	15,666	7,131	45.5	6.6	20.2	25.2	0.55	51.2	11,699	5,019	42.9 (2.9)	6.3 (1.2)	21.1 (2.3)	1.7 (0.7)	23.8 (2.4)	5,033	0.43 (0.06)
Administrative support, including clerical	20,460	10,727	52.4	9.3	24.1	30.8	0.69	52.4	18,913	9,606	50.8 (2.4)	9.9 (1.2)	27.4 (2.0)	0.9 (0.3)	22.0 (1.9)	10,480	0.55 (0.05)
Service occupations	17,355	8,238	47.5	9.0	22.7	22.6	0.60	57.0	15,949	8,078	50.6 (3.0)	14.5 (2.0)	21.0 (2.2)	2.3 (0.7)	22.1 (2.5)	8,067	0.51 (0.07)
Agriculture, forestry, and fishing	1,908	500	26.2	1.8	14.8	12.4	0.26	—	2,297	927	40.4 (8.5)	11.2 (4.9)	12.2 (4.1)	6.9 (6.6)	13.0 (4.6)	475	0.21 (0.07)
Mechanics and repairers	4,266	2,129	49.9	7.6	16.6	29.1	0.73	57.2	4,736	2,087	44.1 (5.6)	15.2 (3.7)	15.0 (3.4)	6.1 (2.3)	23.0 (5.0)	1,640	0.35 (0.09)
Construction and extractive occupations	5,490	2,093	38.1	4.6	18.4	18.6	0.33	48.8	3,973	1,464	36.9 (5.2)	11.2 (3.2)	13.2 (3.2)	6.0 (2.4)	12.0 (3.3)	906	0.23 (0.06)
Precision production occupations	1,685	754	44.8	5.9	16.2	25.6	0.58	40.8	1,570	608	38.7 (8.8)	9.4 (4.4)	18.3 (6.5)	11.9 (5.3)	19.5 (6.5)	569	0.36 (0.12)
Production workers	8,309	2,515	30.3	5.9	10.1	14.8	0.27	58.5	9,346	3,681	39.4 (3.8)	6.7 (1.7)	23.0 (3.2)	2.4 (1.2)	14.8 (2.5)	4,220	0.45 (0.08)
Transportation, material moving	4,488	1,295	28.8	3.8	12.1	15.8	0.28	60.6	5,178	1,753	33.9 (4.6)	5.9 (1.8)	18.4 (3.6)	1.6 (1.0)	12.9 (2.3)	1,426	0.28 (0.06)
Handler, equipment, cleaners, helpers, and laborers	1,989	519	26.1	3.1	10.3	11.7	0.21	46.9	3,474	731	21.0 (5.1)	4.6 (2.2)	6.8 (3.5)	1.7 (1.4)	5.0 (2.3)	594	0.17 (0.12)
Miscellaneous occupations	2,022	1,194	59.0	8.5	22.1	38.8	1.03	51.8	1,923	828	43.0 (8.6)	9.9 (4.3)	14.2 (4.6)	3.7 (2.3)	23.9 (6.8)	509	0.26 (0.08)
Annual family income																	
$10,000 or less	9,776	3,224	33.0	6.1	15.6	12.6	0.25	50.9	5,248	1,646	31.4 (5.8)	7.8 (3.0)	9.5 (3.1)	1.9 (1.5)	13.2 (4.1)	787	0.15 (0.05)
$10,001 to $15,000	6,183	2,389	38.6	7.2	19.5	15.1	0.37	59.1	5,281	1,597	30.2 (4.1)	8.3 (2.4)	8.3 (1.9)	2.5 (1.7)	12.9 (2.8)	751	0.14 (0.03)
$15,001 to $20,000	7,321	3,040	41.5	8.0	18.2	20.1	0.42	52.8	6,061	2,511	41.4 (4.2)	8.2 (2.0)	16.3 (2.8)	1.9 (0.9)	17.1 (3.0)	1,705	0.28 (0.05)
$20,001 to $25,000	7,832	3,164	40.4	7.4	19.3	20.4	0.48	53.1	8,595	3,618	42.1 (3.8)	8.4 (1.6)	18.8 (2.8)	4.4 (2.1)	19.8 (2.8)	3,568	0.42 (0.08)
$25,001 to $30,000	10,133	4,803	47.4	8.8	21.4	24.7	0.54	55.8	11,848	4,863	41.0 (3.4)	9.8 (1.5)	22.2 (2.7)	2.7 (1.2)	15.3 (2.2)	5,396	0.46 (0.07)
$30,001 to $40,000	19,617	9,734	49.6	8.9	21.9	30.2	0.76	50.2	18,961	9,589	50.6 (3.6)	15.2 (2.4)	26.6 (2.8)	2.3 (1.0)	21.3 (2.7)	11,137	0.59 (0.07)
$40,001 to $50,000	15,115	8,127	53.8	8.0	22.9	34.7	0.82	48.3	16,577	9,005	54.3 (2.7)	14.7 (1.8)	32.3 (2.3)	2.6 (0.8)	24.9 (2.3)	11,569	0.70 (0.07)
$50,001 to $75,000	23,006	13,288	57.8	8.9	23.7	40.0	1.02	48.3	28,433	17,356	61.0 (2.1)	13.1 (1.2)	36.6 (1.9)	2.5 (0.6)	31.4 (1.9)	24,629	0.87 (0.06)
More than $75,000	18,843	11,964	63.5	8.6	26.5	45.2	1.25	45.0	31,711	19,458	61.4 (1.9)	11.2 (1.1)	42.5 (1.8)	1.2 (0.3)	25.3 (1.5)	31,828	1.00 (0.06)

—Not available.

NOTE: Percent of career or job-related courses provided by businesses are based on the respondent's reports of the first six work-related courses taken. Adult education is defined as all education activities, except full-time enrollment in higher education credential programs. Examples of adult education activities include part-time college attendance, classes or seminars given by employers, and classes taken for adult literacy purposes, or for recreation and enjoyment. Includes adult basic education and English as a second language classes. Data are based upon a sample survey of the civilian noninstitutional population. Data revised from previously published figures. Detail may not sum to totals due to rounding and survey item nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey, "Participation in Adult Education," unpublished data. (This table was prepared June 2001.)

Table 359.—Participation in adult education during the previous 12 months by adults 17 years old and older, by selected characteristics of participants: 1991, 1995, and 1999

Characteristics of participants	Percent participating in any program, 1991[1]	1995						1999								
		Population, in thousands	Adult education participants, in thousands[1]	Percent participating[2]				Population, in thousands	Adult education participants, in thousands[1]	Percent participating						
				In any program	In part-time postsecondary education	In career or job related courses	Personal development courses			In any program	In basic education	In English as a second language	In part-time postsecondary education	In career or job related courses	In apprentice programs	Personal development courses
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	**33.0**	**189,543**	**76,261**	**40.2**	**6.1**	**20.9**	**19.9**	**194,559**	**86,593**	**44.5 (0.8)**	**1.1 (0.2)**	**0.9 (0.2)**	**9.3 (0.4)**	**22.2 (0.6)**	**1.8 (0.2)**	**22.2 (0.6)**
Sex																
Men	32.6	90,256	34,450	38.2	5.6	21.8	15.8	93,071	38,765	41.7 (1.2)	1.0 (0.2)	0.9 (0.2)	9.9 (0.6)	22.1 (0.9)	2.5 (0.4)	17.4 (0.9)
Women	33.2	99,287	41,811	42.1	6.5	20.2	23.5	101,488	47,828	47.1 (1.0)	1.1 (0.2)	1.0 (0.2)	8.8 (0.5)	22.2 (0.8)	1.1 (0.2)	26.7 (0.9)
Age																
17 to 24 years	37.8	22,407	10,539	47.0	12.6	14.7	21.5	23,372	11,673	49.9 (2.3)	4.9 (1.0)	1.1 (0.3)	13.6 (1.4)	16.4 (1.5)	4.0 (1.1)	22.8 (1.9)
25 to 29 years	40.0	18,988	9,420	49.6	10.9	25.5	21.0	18,427	10,406	56.5 (2.5)	1.2 (0.5)	2.5 (0.8)	18.6 (1.8)	30.0 (2.1)	3.4 (0.8)	23.8 (2.0)
30 to 34 years	37.6	21,338	10,088	47.3	8.0	26.1	23.3	19,423	10,908	56.2 (2.6)	1.0 (0.4)	1.6 (0.6)	13.0 (1.5)	29.4 (2.2)	3.0 (0.8)	26.5 (2.2)
35 to 39 years	42.1	22,494	10,737	47.7	7.5	29.1	20.9	23,183	11,622	50.1 (2.4)	0.6 (0.3)	1.4 (0.5)	10.9 (1.3)	26.2 (1.9)	1.7 (0.6)	25.4 (2.1)
40 to 44 years	49.2	19,810	10,078	50.9	7.1	31.2	24.9	22,116	11,159	50.5 (2.4)	0.7 (0.3)	0.3 (0.2)	10.2 (1.3)	31.3 (2.1)	1.7 (0.5)	24.7 (2.0)
45 to 49 years	40.0	17,463	8,499	48.7	5.7	32.5	21.1	18,299	9,116	49.8 (2.7)	0.7 (0.4)	0.8 (0.4)	9.4 (1.3)	26.0 (2.1)	1.5 (0.6)	25.5 (2.1)
50 to 54 years	26.8	14,344	6,093	42.5	3.9	26.3	19.7	16,893	7,966	47.2 (2.5)	0.4 (0.3)	0.2 (0.1)	5.8 (1.0)	28.2 (2.1)	1.1 (0.4)	23.5 (2.1)
55 to 59 years	29.0	11,096	3,577	32.2	1.7	17.8	17.3	13,450	5,107	38.0 (2.6)	0.3 (0.3)	0.1 (0.1)	6.7 (1.5)	23.3 (2.1)	0.5 (0.4)	16.2 (1.8)
60 to 64 years	17.4	10,728	2,540	23.7	0.6	10.6	15.2	10,718	3,368	31.4 (2.8)	0.0 (0.0)	1.4 (1.4)	2.4 (0.7)	13.4 (1.8)	0.3 (0.4)	18.8 (2.2)
65 to 69 years	14.2	10,215	1,850	18.1	0.2	4.0	15.3	9,211	2,339	25.4 (2.5)	0.3 (0.3)	0.3 (0.3)	1.2 (0.6)	6.9 (1.2)	0.1 (0.1)	19.6 (2.3)
70 years and over	8.6	20,661	2,841	13.8	0.1	1.4	12.6	19,466	2,929	15.0 (1.4)	0.0 (0.0)	0.0 (0.0)	1.3 (0.5)	1.7 (0.5)	0.0	12.2 (1.2)
Racial/ethnic group																
White, non-Hispanic	34.1	144,587	59,982	41.5	6.0	22.8	20.8	143,135	63,522	44.4 (0.9)	0.6 (0.1)	0.1 (0.1)	8.8 (0.5)	23.6 (0.7)	1.3 (0.2)	22.9 (0.7)
Black, non-Hispanic	25.9	20,806	7,704	37.0	7.3	16.2	18.9	22,129	10,241	46.3 (2.3)	2.7 (0.8)	0.2 (0.1)	11.0 (1.3)	20.2 (1.7)	2.9 (0.9)	23.6 (1.9)
Hispanic	31.4	15,689	5,281	33.7	4.8	11.8	13.8	1,102	400	36.3 (9.2)	— —	— —	12.7 (6.2)	19.2 (7.4)	4.1 (3.4)	10.6 (4.7)
Asian American/Pacific Islander	35.9	4,377	1,739	39.7	6.5	18.1	15.9	5,619	2,872	51.1 (4.6)	2.0 (1.1)	5.8 (2.2)	17.1 (3.4)	26.9 (3.8)	0.5 (0.5)	22.6 (3.6)
American Indian/Alaskan Native	29.3	1,155	448	38.8	9.3	20.6	21.6	19,491	8,045	41.3 (2.5)	2.4 (0.6)	6.5 (1.2)	8.6 (1.3)	12.5 (1.3)	3.7 (1.1)	16.2 (1.9)
Highest level of education completed																
Eighth grade or less	7.7	12,808	1,283	10.0	0.1	1.9	4.9	11,438	1,680	14.7 (2.9)	0.9 (0.4)	5.0 (1.7)	0.2 (0.2)	1.4 (0.6)	0.4 (0.4)	6.6 (2.4)
9th to 12th grade, no diploma	15.8	16,511	3,332	20.2	0.8	4.9	9.2	21,174	5,419	25.6 (2.6)	4.8 (1.0)	1.3 (0.5)	3.3 (1.1)	5.5 (1.2)	1.9 (0.9)	10.1 (1.9)
High school diploma	24.1	62,956	19,341	30.7	3.6	13.9	15.4	55,553	19,356	34.8 (1.4)	1.1 (0.3)	0.6 (0.2)	6.9 (0.7)	15.5 (1.0)	1.9 (0.4)	16.9 (1.1)
Some vocational/technical	34.2	6,327	2,648	41.9	5.4	21.9	21.1	6,517	2,678	41.1 (4.0)	2.5 (1.1)	1.9 (1.0)	6.5 (1.7)	19.9 (3.1)	3.2 (1.5)	21.8 (3.2)
Some college	41.4	34,433	16,978	49.3	12.1	22.3	25.3	34,270	17,504	51.1 (1.8)	0.6 (0.2)	0.4 (0.2)	13.9 (1.1)	22.2 (1.4)	2.8 (0.6)	27.5 (1.5)
Associate degree	49.2	9,975	5,601	56.1	10.9	32.1	27.4	11,275	6,384	56.6 (2.9)	— —	0.2 (0.1)	17.4 (2.1)	33.3 (2.6)	2.4 (0.8)	24.2 (2.4)
Bachelor's degree	51.1	26,858	15,286	56.9	7.1	36.1	27.0	30,121	18,178	60.3 (1.8)	— —	0.5 (0.2)	11.2 (1.1)	36.7 (1.7)	0.9 (0.3)	31.1 (1.7)
Some graduate work (or study)	55.1	19,677	11,792	59.9	8.5	40.4	29.1	24,211	15,394	63.6 (2.0)	— —	0.8 (0.4)	12.8 (1.3)	38.9 (1.9)	1.2 (0.3)	33.0 (1.8)
No degree	—	4,123	2,563	62.2	15.2	32.5	33.5	4,083	2,640	64.7 (4.4)	— —	0.0 (0.0)	20.9 (3.5)	45.1 (4.4)	1.1 (0.6)	28.1 (3.7)
Master's	—	10,522	6,219	59.1	8.1	41.0	29.0	12,715	8,357	65.7 (2.6)	— —	1.1 (0.7)	12.5 (1.7)	38.8 (2.6)	0.7 (0.4)	36.8 (2.6)
Doctor's	—	2,564	1,384	54.0	4.7	35.0	25.1	5,039	2,675	53.1 (4.7)	— —	1.0 (0.9)	7.9 (2.0)	26.7 (3.8)	2.7 (1.1)	28.5 (4.2)
Professional	—	2,467	1,626	65.9	3.0	56.6	26.0	2,374	1,722	72.5 (5.8)	— —	0.0 (0.0)	10.9 (5.6)	54.7 (6.2)	1.1 (1.1)	31.0 (5.4)
Metropolitan area																
Inside metropolitan area	34.5	142,522	59,627	41.8	6.5	22.0	20.3	146,309	67,322	46.0 (0.9)	1.2 (0.2)	1.2 (0.2)	9.4 (0.5)	23.2 (0.7)	1.9 (0.2)	22.4 (0.7)
Inside central city	—	118,170	49,996	42.3	6.7	22.7	20.2	124,108	57,688	46.5 (1.0)	1.3 (0.2)	1.3 (0.2)	9.7 (0.5)	23.4 (0.7)	1.9 (0.3)	22.8 (0.8)
Outside central city	—	24,352	9,630	39.5	5.6	18.4	21.1	22,200	9,634	43.4 (2.2)	0.5 (0.3)	0.4 (0.3)	7.9 (1.1)	22.2 (1.7)	1.5 (0.4)	20.4 (1.8)
Outside metropolitan area	28.3	47,021	16,634	35.4	4.9	17.9	18.5	48,250	19,271	39.9 (1.6)	0.8 (0.3)	0.2 (0.1)	9.1 (0.9)	18.9 (1.2)	1.6 (0.4)	21.5 (1.3)
Labor force status																
in labor force	40.7	125,982	62,717	49.8	8.1	29.8	21.7	140,400	73,097	52.1 (0.9)	1.1 (0.2)	0.7 (0.1)	12.0 (0.5)	29.4 (0.8)	2.2 (0.3)	23.3 (0.8)
Employed	42.0	117,826	59,734	50.7	8.2	31.1	22.0	132,715	69,644	52.5 (1.0)	1.0 (0.2)	0.6 (0.1)	11.9 (0.5)	30.5 (0.8)	2.2 (0.3)	23.4 (0.8)
Unemployed	26.0	8,155	2,983	36.6	5.5	11.1	17.4	7,685	3,453	44.9 (4.6)	3.6 (1.7)	2.4 (1.2)	13.7 (2.8)	11.3 (2.4)	1.9 (0.9)	21.5 (4.1)
Not in labor force	15.7	63,562	13,544	21.3	2.2	3.4	16.2	54,159	13,496	24.9 (1.2)	0.9 (0.3)	1.5 (0.4)	2.3 (0.4)	3.3 (0.4)	0.7 (0.2)	19.4 (1.1)
Occupation																
Executive, administrative, or managerial	49.3	13,098	7,313	55.8	7.3	42.1	23.1	27,315	15,579	57.0 (2.1)	0.0 (0.0)	0.2 (0.2)	10.9 (1.1)	38.7 (2.0)	1.2 (0.4)	24.6 (1.7)
Engineers, surveyors, and architects	62.6	1,756	1,150	65.5	14.1	44.6	23.3	2,042	1,629	79.8 (6.0)	0.0 (0.0)	0.0 (0.0)	27.9 (5.8)	52.4 (6.8)	5.8 (4.2)	28.8 (5.8)
Natural scientists and mathematicians	48.2	1,743	1,261	72.3	9.9	58.6	24.8	2,289	1,386	60.5 (6.7)	0.0 (0.0)	0.0 (0.0)	13.0 (4.0)	44.1 (6.3)	1.3 (0.9)	24.8 (5.5)
Social scientists and workers, lawyers	55.6	2,530	1,938	76.6	11.5	59.4	32.3	3,069	2,433	79.3 (4.4)	0.0 (0.0)	0.0 (0.0)	10.4 (3.1)	56.6 (5.4)	0.6 (0.6)	42.0 (5.3)

Table 359.—Participation in adult education during the previous 12 months by adults 17 years old and older, by selected characteristics of participants: 1991, 1995, and 1999—Continued

Characteristics of participants	Percent participating in any program, 1991[1]	1995						1999								
		Population, in thousands	Adult education participants, in thousands[1]	Percent participating[2]				Population, in thousands	Adult education participants, in thousands[1]	Percent participating						
				In any program	In part-time postsecondary education	In career or job related courses	Personal development courses			In any program	In basic education	In English as a second language	In part-time postsecondary education	In career or job related courses	In apprentice programs	Personal development courses
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Teachers, elementary and secondary	55.0	5,414	4,155	76.7	16.6	52.4	36.9	7,033	5,511	78.4 (3.1)	0.0 (0.0)	0.0 (0.0)	23.8 (2.8)	50.2 (3.4)	0.3 (0.2)	38.8 (3.3)
Teachers, postsecondary	45.5	1,254	687	54.8	4.1	40.8	26.0	2,214	1,472	66.5 (5.6)	0.4 (0.4)	3.5 (3.4)	17.0 (5.0)	37.1 (5.8)	1.8 (1.1)	42.1 (5.9)
Physicians, dentists, veterinarians	67.1	859	611	71.1	1.2	67.1	19.0	610	487	79.8 (9.0)	0.0 (0.0)	0.0 (0.0)	4.6 (4.5)	62.5 (11.5)	4.2 (4.2)	29.1 (11.2)
Registered nurses, pharmacists	59.6	2,337	2,026	86.7	10.6	71.3	33.6	3,210	2,741	85.4 (4.1)	0.0 (0.0)	0.0 (0.0)	16.0 (4.7)	71.1 (4.9)	0.2 (0.2)	46.0 (5.3)
Writers, artists, entertainers, and athletes	42.9	1,874	934	49.9	7.7	23.1	30.0	2,481	1,241	50.0 (6.9)	0.4 (0.4)	0.0 (0.0)	13.4 (4.2)	29.1 (5.6)	2.2 (1.2)	21.4 (5.1)
Health technologists and technicians	68.6	1,697	1,270	74.8	12.8	47.5	33.0	2,190	1,465	66.9 (6.2)	1.7 (1.2)	0.6 (0.6)	19.1 (4.3)	40.6 (5.7)	4.9 (3.3)	35.5 (5.7)
Technologists, except health	55.4	3,543	2,279	64.3	13.5	41.3	28.7	5,090	3,032	59.6 (5.1)	0.0	0.4 (0.4)	20.9 (3.8)	37.0 (4.7)	3.8 (2.7)	24.5 (4.0)
Marketing and sales occupations	34.4	18,174	8,038	44.2	6.8	23.2	20.4	13,578	6,022	44.4 (2.7)	1.4 (0.5)	0.1 (0.1)	6.1 (1.1)	20.7 (2.1)	1.6 (0.6)	25.1 (2.3)
Administrative support, including clerical	29.9	22,968	11,867	51.7	9.5	28.9	24.7	22,052	11,042	50.1 (2.3)	1.9 (0.7)	0.3 (0.2)	10.3 (1.2)	25.1 (1.8)	0.8 (0.3)	22.5 (1.8)
Service occupations	25.2	20,072	9,342	46.5	9.0	20.9	22.8	18,649	9,497	50.9 (2.7)	3.2 (0.9)	1.3 (0.5)	13.7 (1.8)	18.5 (1.9)	2.5 (0.7)	23.7 (2.4)
Agriculture, forestry, and fishing	14.3	2,336	616	26.4	1.6	11.5	15.6	2,809	964	34.3 (7.2)	2.0 (1.5)	2.0 (1.6)	9.2 (4.0)	10.5 (3.4)	6.4 (5.5)	11.2 (3.8)
Mechanics and repairers	32.1	4,692	2,231	47.6	7.1	27.7	15.6	4,964	2,097	42.2 (5.4)	2.1 (1.4)	0.0 (0.0)	14.7 (3.5)	14.4 (3.3)	5.8 (2.2)	21.9 (4.8)
Construction and extractive occupations	21.9	6,100	2,319	38.0	4.3	17.6	18.0	4,734	1,634	34.5 (4.8)	0.7 (0.4)	2.5 (1.3)	10.4 (2.8)	12.0 (2.8)	7.0 (2.4)	11.1 (2.9)
Precision production occupations	31.2	1,875	807	43.0	5.5	23.2	16.1	1,638	628	38.3 (8.5)	1.2 (1.2)	1.9 (1.4)	9.0 (4.2)	17.5 (6.2)	11.4 (5.0)	19.9 (6.3)
Production workers	21.1	9,483	2,908	30.7	5.8	14.7	10.7	10,638	4,043	38.0 (3.5)	0.7 (0.4)	0.7 (0.3)	6.8 (1.6)	20.2 (2.8)	2.1 (1.0)	15.9 (2.4)
Transportation, material moving	20.7	5,311	1,507	28.4	3.5	15.5	11.9	5,829	1,941	33.3 (4.3)	2.8 (1.5)	0.9 (0.7)	5.9 (1.7)	17.1 (3.3)	2.5 (1.1)	11.8 (2.6)
Handler, equipment, cleaners, helpers, and laborers	20.8	2,456	617	25.1	3.1	11.1	9.7	3,981	781	19.6 (4.6)	0.0 (0.0)	2.1 (1.5)	4.6 (2.0)	6.1 (3.0)	1.5 (1.2)	5.6 (2.2)
Miscellaneous occupations	—	2,311	1,308	56.6	7.9	35.4	22.6	2,150	925	43.0 (8.0)	0.0 (0.0)	3.3 (1.9)	11.7 (4.6)	16.7 (5.0)	3.3 (2.1)	24.6 (6.5)
Annual family income																
$5,000 or less	13.6	12,638	2,689	21.3	3.3	4.1	11.8	5,198	1,092	21.0 (3.2)	2.0 (1.0)	1.2 (0.8)	3.0 (1.1)	5.0 (1.4)	0.5 (0.3)	11.9 (2.6)
$5,001 to $10,000	17.5	17,560	4,194	23.9	4.0	6.7	13.2	9,137	2,236	24.5 (3.4)	2.8 (1.4)	0.9 (0.4)	3.8 (1.2)	4.1 (1.1)	1.2 (0.6)	14.5 (3.0)
$10,001 to $15,000	22.8	13,523	3,610	26.7	4.0	8.7	14.8	11,263	2,564	22.6 (2.5)	2.4 (0.9)	2.3 (0.8)	6.1 (1.4)	4.3 (0.9)	1.5 (0.8)	11.5 (1.8)
$15,001 to $20,000	21.9	13,116	4,176	31.8	5.4	13.0	15.8	12,623	3,967	31.4 (2.8)	2.7 (0.9)	2.3 (0.7)	5.4 (1.2)	10.1 (1.6)	1.6 (0.7)	16.4 (2.2)
$20,001 to $25,000	26.7	13,812	4,339	31.4	4.8	13.3	17.0	13,663	4,885	35.8 (2.8)	1.5 (0.6)	1.7 (0.7)	7.8 (1.3)	12.7 (1.8)	3.1 (1.4)	17.5 (2.1)
$25,001 to $30,000	32.1	16,386	6,208	37.9	6.5	17.1	19.2	17,353	6,375	36.7 (2.6)	0.8 (0.3)	1.5 (0.7)	7.3 (1.0)	15.5 (1.9)	2.1 (0.9)	17.0 (1.9)
$30,001 to $40,000	35.6	28,628	12,220	42.7	6.9	22.1	22.0	27,715	12,524	45.2 (2.1)	0.3 (0.2)	0.9 (0.6)	11.7 (1.3)	20.0 (1.5)	1.6 (0.5)	22.4 (1.7)
$40,001 to $50,000	44.8	20,446	9,567	46.8	6.8	27.0	22.4	21,715	10,394	47.9 (2.3)	0.6 (0.4)	0.7 (0.4)	12.0 (1.4)	26.0 (1.9)	2.5 (0.7)	23.3 (1.9)
$50,001 to $75,000	46.6	29,161	15,169	52.0	7.6	32.8	23.6	35,984	19,828	55.1 (1.8)	0.5 (0.2)	0.2 (0.1)	11.2 (1.0)	30.6 (1.5)	2.1 (0.5)	29.8 (1.6)
More than $75,000	48.7	24,274	14,089	58.0	7.7	37.3	26.8	39,909	22,726	56.9 (1.7)	1.0 (0.4)	0.3 (0.2)	10.1 (1.0)	35.2 (1.5)	1.1 (0.3)	26.5 (1.4)

—Not available.

[1] Adult education is defined as all education activities, except full-time enrollment in higher education credential programs. Examples of adult education activities include part-time college attendance, classes or seminars given by employers, and classes taken for adult literacy purposes, or for recreation and enjoyment.

[2] Any participation includes adult basic education, English as a second language, and apprentice programs not shown separately.

NOTE: Data are based upon a sample survey of the civilian noninstitutional population. Data revised from previously published figures. Detail may not sum to totals due to rounding and survey item nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Participation in Adult Education," unpublished data. (This table was prepared June 2001.)

Table 360.—Participants in adult basic and secondary education programs, by level of enrollment and state: Fiscal years 1980, 1990, and 1999

State or other area	1980				1990			1999			
	Total	Level of enrollment			Total	Level of enrollment		Total	Level of enrollment		
		Adult basic education	Adult secondary education	Ungraded		Adult basic education [1]	Adult secondary education		Adult basic education	English as a second language	Adult secondary education
1	2	3	4	5	6	7	8	9	10	11	12
United States	**2,018,906**	**915,936**	**531,663**	**571,307**	**3,535,970**	**2,435,649**	**1,100,321**	**2,840,763**	**1,052,214**	**1,099,537**	**689,012**
Alabama	51,599	36,726	12,372	2,501	40,177	32,984	7,193	22,430	18,445	1,369	2,616
Alaska	5,667	2,200	2,188	1,279	5,067	4,267	800	5,396	2,634	1,295	1,467
Arizona	9,996	9,968	22	6	33,805	24,915	8,890	55,274	18,071	29,532	7,671
Arkansas	8,583	7,308	1,275	—	29,065	17,103	11,962	39,102	16,304	3,270	19,528
California	267,625	60,385	—	207,240	1,021,227	753,282	267,945	456,125	50,360	340,813	64,952
Colorado	9,381	4,295	2,644	2,442	12,183	9,877	2,306	13,743	5,807	6,260	1,676
Connecticut	21,889	8,882	4,805	8,202	46,434	25,560	20,874	27,698	6,011	12,032	9,655
Delaware	1,797	1,110	503	184	2,662	2,348	314	3,278	1,761	1,191	326
District of Columbia	25,214	4,928	6,502	13,784	19,586	12,631	6,955	2,828	1,125	1,403	300
Florida	467,162	100,958	184,568	181,636	419,429	249,339	170,090	399,772	130,908	151,003	117,861
Georgia	50,820	26,734	17,008	7,078	69,580	49,622	19,958	107,980	60,145	30,281	17,554
Hawaii	16,457	16,457	—	—	52,012	31,766	20,246	16,176	6,193	3,400	6,583
Idaho	12,851	8,915	3,010	926	11,171	9,180	1,991	10,542	5,652	2,663	2,227
Illinois	76,456	59,314	17,142	—	87,121	69,770	17,351	120,752	31,945	72,773	16,034
Indiana	20,882	18,127	2,660	95	44,166	27,138	17,028	41,760	21,211	7,330	13,219
Iowa	25,851	16,928	5,153	3,770	41,507	30,470	11,037	31,757	15,830	6,809	9,118
Kansas	14,405	3,687	7,436	3,282	10,274	9,191	1,083	11,410	5,809	4,340	1,261
Kentucky	27,800	6,147	4,735	16,918	28,090	20,406	7,684	37,061	22,049	2,216	12,796
Louisiana	16,046	12,608	2,485	953	40,039	20,941	19,098	38,873	24,644	1,418	12,811
Maine	5,327	3,029	942	1,356	14,964	6,620	8,344	9,807	3,977	1,184	4,646
Maryland	34,572	23,421	6,043	5,108	41,230	36,244	4,986	27,556	12,286	7,430	7,840
Massachusetts	20,420	10,241	5,044	5,135	34,220	28,140	6,080	24,565	7,194	13,646	3,725
Michigan	40,973	29,945	—	11,028	194,178	80,206	113,972	86,218	35,938	22,941	27,339
Minnesota	10,826	8,627	877	1,322	45,648	33,190	12,458	51,769	20,273	20,740	10,756
Mississippi	14,317	10,340	2,918	1,059	18,957	15,834	3,123	40,370	29,465	1,800	9,105
Missouri	33,292	27,206	3,732	2,354	31,815	27,274	4,541	38,773	25,034	7,731	6,008
Montana	3,525	1,795	978	752	6,071	3,962	2,109	4,995	3,515	172	1,308
Nebraska	7,514	5,152	2,362	—	6,158	5,349	809	9,095	5,150	3,328	617
Nevada	3,063	845	82	2,136	17,262	7,270	9,992	22,346	1,047	10,961	10,338
New Hampshire	4,844	2,657	1,625	562	7,198	5,073	2,125	5,519	1,438	1,854	2,227
New Jersey	35,770	17,152	6,790	11,828	64,080	46,526	17,554	44,712	11,317	26,222	7,173
New Mexico	13,102	3,590	5,147	4,365	30,236	18,069	12,167	29,197	15,543	8,200	5,454
New York	94,574	57,217	20,002	17,355	156,611	125,893	30,718	194,028	61,819	91,846	40,363
North Carolina	84,252	33,854	46,679	3,719	109,740	71,698	38,042	154,786	71,425	36,924	46,437
North Dakota	2,810	1,963	538	309	3,587	2,500	1,087	1,964	1,087	416	461
Ohio	50,056	42,421	7,635	—	95,476	79,527	15,949	81,010	57,983	9,230	13,797
Oklahoma	14,701	6,983	5,697	2,021	24,307	19,131	5,176	20,534	14,028	3,492	3,014
Oregon	27,645	10,690	12,594	4,361	37,075	24,915	12,160	27,981	14,115	10,931	2,935
Pennsylvania	29,477	19,246	6,436	3,795	52,444	40,108	12,336	46,836	20,511	13,695	12,630
Rhode Island	5,844	2,266	1,357	2,221	7,347	5,874	1,473	7,950	3,009	3,458	1,483
South Carolina	69,659	27,959	35,165	6,535	81,200	37,117	44,083	132,497	34,474	7,856	90,167
South Dakota	4,067	2,080	1,109	878	3,184	2,458	726	5,431	3,551	835	1,045
Tennessee	26,268	17,079	3,244	5,945	41,721	39,604	2,117	49,386	29,766	5,173	14,447
Texas	157,349	94,245	51,126	11,978	218,747	145,067	73,680	106,516	41,508	53,680	11,328
Utah	18,541	3,756	14,785	—	24,841	6,003	18,838	28,987	6,614	7,186	15,187
Vermont	4,583	3,990	—	593	4,808	4,452	356	4,436	3,604	513	319
Virginia	21,525	10,480	3,804	7,241	31,649	30,005	1,644	31,211	13,801	11,203	6,207
Washington	16,286	7,245	3,894	5,147	31,776	25,336	6,440	57,999	22,113	30,500	5,386
West Virginia	14,628	9,743	3,672	1,213	21,186	14,227	[2] 6,959	22,403	16,877	332	5,194
Wisconsin	16,158	14,185	1,973	—	61,081	45,116	15,965	27,297	17,268	6,215	3,814
Wyoming	2,457	857	905	695	3,578	2,071	[2] 1,507	2,632	1,580	445	607
Outlying areas											
American Samoa	313	252	61	—	—	—	—	—	—	—	—
Guam	1,346	612	471	263	1,311	414	[2] 897	902	203	182	517
Northern Marianas	—	—	—	—	—	—	—	527	202	47	278
Puerto Rico	30,164	17,844	9,010	3,310	28,436	28,436	—	47,974	12,322	2,099	33,553
Trust Territory of the Pacific	3,753	2,138	699	916	—	—	—	—	—	—	—
Virgin Islands	3,500	1,002	859	1,639	1,653	1,215	438	1,433	735	289	409

—Not available.

[1] Includes English as a second language.

[2] Estimated.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Women and Minority Groups Make Up Largest Segment of Adult Basic and Secondary Education Programs;" Office of Vocational and Adult Education, Division of Adult Education and Literacy, "Adult Education Program Facts, Program Year 1990–1991," and unpublished data. (This table was prepared August 2001.)

Table 361.—Nondegree granting institutions offering postsecondary education, by control and state: 1998–99, 1999–2000, and 2000–01

State or other area	1998–99					1999–2000					2000–01				
	Total	Public	Private			Total	Public	Private			Total	Public	Private		
			Total	Not-for-profit	For-profit			Total	Not-for-profit	For-profit			Total	Not-for-profit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
United States	5,437	564	4,873	1,082	3,791	5,165	501	4,664	1,042	3,622	5,076	532	4,544	995	3,549
Alabama	52	6	46	9	37	53	6	47	9	38	53	5	48	9	39
Alaska	24	4	20	5	15	26	6	20	4	16	25	5	20	4	16
Arizona	87	0	87	13	74	84	1	83	11	72	79	1	78	10	68
Arkansas	62	8	54	9	45	62	8	54	9	45	60	9	51	8	43
California	854	32	822	195	627	814	30	784	183	601	811	30	781	178	603
Colorado	104	7	97	19	78	102	7	95	19	76	96	6	90	18	72
Connecticut	91	14	77	15	62	73	2	71	15	56	82	14	68	15	53
Delaware	11	1	10	2	8	11	1	10	2	8	12	1	11	3	8
District of Columbia	20	2	18	10	8	19	2	17	10	7	18	2	16	9	7
Florida	288	44	244	51	193	280	43	237	48	189	276	44	232	46	186
Georgia	107	22	85	19	66	103	21	82	17	65	86	3	83	16	67
Hawaii	20	1	19	2	17	21	1	20	2	18	20	1	19	2	17
Idaho	19	0	19	1	18	19	0	19	1	18	19	0	19	1	18
Illinois	220	11	209	51	158	213	7	206	51	155	208	5	203	50	153
Indiana	83	8	75	13	62	76	8	68	11	57	75	7	68	11	57
Iowa	52	0	52	10	42	44	0	44	8	36	43	0	43	7	36
Kansas	42	8	34	6	28	42	8	34	6	28	41	8	33	5	28
Kentucky	122	41	81	9	72	105	24	81	9	72	100	21	79	9	70
Louisiana	86	6	80	13	67	86	7	79	13	66	86	7	79	13	66
Maine	24	0	24	8	16	26	0	26	7	19	26	0	26	7	19
Maryland	97	2	95	17	78	93	2	91	16	75	90	3	87	15	72
Massachusetts	156	13	143	30	113	142	9	133	29	104	150	16	134	30	104
Michigan	211	5	206	33	173	197	5	192	32	160	194	7	187	31	156
Minnesota	62	4	58	17	41	60	4	56	17	39	56	3	53	16	37
Mississippi	31	0	31	4	27	26	0	26	4	22	25	0	25	2	23
Missouri	143	41	102	20	82	123	29	94	19	75	137	47	90	17	73
Montana	31	0	31	8	23	29	0	29	8	21	29	0	29	8	21
Nebraska	41	0	41	7	34	39	0	39	9	30	29	0	29	7	22
Nevada	68	2	66	1	65	63	2	61	1	60	61	2	59	1	58
New Hampshire	17	0	17	5	12	19	0	19	7	12	17	0	17	6	11
New Jersey	162	16	146	27	119	150	12	138	24	114	152	14	138	23	115
New Mexico	24	0	24	4	20	19	0	19	2	17	16	0	16	1	15
New York	315	39	276	110	166	304	38	266	111	155	300	41	259	109	150
North Carolina	71	4	67	8	59	70	4	66	9	57	67	3	64	8	56
North Dakota	9	0	9	3	6	8	0	8	3	5	9	0	9	3	6
Ohio	231	57	174	50	124	219	55	164	47	117	215	61	154	43	111
Oklahoma	108	44	64	3	61	105	44	61	3	58	109	46	63	3	60
Oregon	74	0	74	6	68	69	0	69	7	62	68	0	68	6	62
Pennsylvania	313	43	270	97	173	298	40	258	93	165	283	43	240	88	152
Rhode Island	29	0	29	7	22	26	0	26	8	18	24	0	24	8	16
South Carolina	37	2	35	8	27	38	2	36	9	27	35	2	33	8	25
South Dakota	10	0	10	6	4	8	0	8	5	3	8	0	8	5	3
Tennessee	112	27	85	15	70	107	27	80	14	66	101	27	74	11	63
Texas	297	5	292	40	252	294	5	289	40	249	295	5	290	36	254
Utah	41	6	35	3	32	37	5	32	2	30	36	5	31	2	29
Vermont	7	0	7	4	3	7	0	7	4	3	6	0	6	4	2
Virginia	136	12	124	34	90	135	12	123	32	91	126	10	116	31	85
Washington	91	3	88	14	74	87	4	83	13	70	85	4	81	11	70
West Virginia	69	21	48	17	31	61	17	44	16	28	67	22	45	18	27
Wisconsin	68	2	66	24	42	66	2	64	23	41	62	1	61	23	38
Wyoming	8	1	7	0	7	7	1	6	0	6	8	1	7	0	7
Outlying areas	91	8	83	16	67	90	8	82	17	65	89	5	84	15	69
American Samoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Marianas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico	91	8	83	16	67	90	8	82	17	65	89	5	84	15	69
Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: Includes all institutions that did not grant degrees at the associate or higher level, or were not eligible for Title IV federal financial aid.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics" surveys. (This table was prepared August 2001.)

CHAPTER 4

Federal Programs for Education and Related Activities

This chapter provides a summary of federal funds for education to help describe the magnitude of the federal fiscal effort and give some indication of the scope and variety of the education programs. Data in this chapter reflect outlays and obligations of federal agencies. These tabulations differ from federal receipts reported in other chapters because of numerous variations in the data collection systems. Federal dollars are not necessarily spent by recipient institutions in the same year they are appropriated. In some cases, institutions cannot identify the source of federal revenues because they flow through state agencies. Some types of revenues, such as tuition and fees, are reported as revenues from students even though they may be supported by federal student aid programs. Some institutions that receive federal education funds are not included in regular surveys conducted by the National Center for Education Statistics. Thus, the revenue data tabulated in this chapter are not comparable with figures reported in other chapters. Readers should be careful about comparing data on obligations shown in some tables with data on outlays and appropriations appearing in others.

Federal on-budget funding for education showed sizable growth between fiscal years (FYs) 1965 and 2001, after adjustment for inflation. Particularly large increases occurred between 1965 and 1975. After a slight increase from 1975 to 1980, there was a substantial decrease from 1980 to 1985 (16 percent). Thereafter, federal on-budget funding for education generally increased, showing a rise of 56 percent from 1985 to 2001, after adjustment for inflation (table 362).

During the 1965 to 1975 period, after adjustment for inflation, federal funds for elementary and secondary education rose by 207 percent, postsecondary education by 259 percent, other education by 141 percent, and research at educational institutions by 6 percent. Between 1975 and 1980, federal funding for elementary and secondary education increased by 2 percent and research by 15 percent, but postsecondary education decreased slightly by 2 percent and other education decreased by 35 percent. After declining 21 percent between 1980 and 1985, federal funding for elementary and secondary education programs rose by 89 percent between 1985 and 2001. Postsecondary education decreased by 25 percent between 1980 and 1985 and then declined 10 percent between 1985 and 2001. Between 1985 and 2001, other education rose by 86 percent, and research by 69 percent, after adjustment for inflation (table 362).

Off-budget support and nonfederal funds generated by federal legislation showed an increase in real dollars between FY 1980 and FY 2001 (256 percent), but there were significant fluctuations throughout the period. These amounts tend to fluctuate because of changes in interest rates and program legislation which affect the number and volume of student loans. Between FY 1990 and FY 2001, these same funds showed an increase of 141 percent (table 362).

According to FY 2001 estimates, $36.8 billion or about 40 percent of the $92.8 billion spent by the federal government on education came from the U.S. Department of Education. Large amounts of money also came from the U.S. Department of Health and Human Services ($19.5 billion), the U.S. Department of Agriculture ($11.0 billion), the U.S. Department of Labor ($5.6 billion), the U.S. Department of Defense ($4.5 billion), and the U.S. Department of Energy ($3.5 billion) (table 363).

Fiscal year 2001 estimates call for federal program funds for elementary and secondary education to be $48.7 billion; for postsecondary education, $15.3 billion; for research at universities and related institutions, $22.8 billion; and for other programs, $6.0 billion (table 364).

Almost 60 percent of total federal education support, excluding estimated federal tax expenditures, went to educational institutions in FY 2001. Another 20 percent was used for student support. Banks and other lending agencies received 6 percent, and all other recipients, including libraries, museums, and federal institutions, received almost 15 percent (table 365).

Between FYs 1990 and 2001, U.S. Department of Education obligations rose 46 percent, after adjustment for inflation. Funds for student financial assistance increased by $2.0 billion in 2001, a rise of 13 percent since 1990. Funds for elementary and secondary education were an estimated $16.4 billion in 2001, an increase of 74 percent since 1990, after adjustment for inflation. Funds for the handicapped increased by 101 percent, to $9.2 billion, and funds for vocational and adult education increased 22 percent, after adjustment for inflation (table 37 in chapter 1 and table 366).

Of the $36.8 billion spent by the U.S. Department of Education in FY 2001, about $17.6 billion went to school districts, $6.1 billion to institutions of higher education, $6.2 billion to college students, and $4.9 billion to state education agencies. A portion of the remaining $1.9 billion went to banks to subsidize student loans (table 367).

Thirty-three percent of public elementary and secondary school students received publicly funded free or reduced-price lunches in 1993–94. At public elementary schools, the participation rate was 39 percent compared with 22 percent for public secondary schools (table 375).

About 13 percent of all elementary and secondary school children received Title I services in 1993–94. Federally sponsored Title I programs are designed to improve student achievement, particularly for children in schools with high concentrations of poverty. Children in rural areas (13 percent) and central cities (17 percent) were more likely to receive services than those in suburban areas (9 percent) (table 376).

Federal Education Legislation

A capsule view of the history of federal education activities is provided in the following list of selected legislation:

1787 *Northwest Ordinance* authorized land grants for the establishment of educational institutions.

1802 *An Act Fixing the Military Peace Establishment of the United States* established the U.S. Military Academy. (The U.S. Naval Academy was established in 1845 by the Secretary of the Navy.)

1862 *First Morrill Act* authorized public land grants to the states for the establishment and maintenance of agricultural and mechanical colleges.

1867 *Department of Education Act* authorized the establishment of the U.S. Department of Education.*

1876 *Appropriation Act,* U.S. Department of the Treasury, established the U.S. Coast Guard Academy.

1890 *Second Morrill Act* provided for money grants for support of instruction in the agricultural and mechanical colleges.

1911 *State Marine School Act* authorized federal funds to be used for the benefit of any nautical school in any of 11 specified state seaport cities.

1917 *Smith-Hughes Act* provided for grants to states for support of vocational education.

1918 *Vocational Rehabilitation Act* provided for grants for rehabilitation through training of World War I veterans.

1919 *An Act to Provide for Further Educational Facilities* authorized the sale by the federal government of surplus machine tools to educational institutions at 15 percent of acquisition cost.

1920 *Smith-Bankhead Act* authorized grants to states for vocational rehabilitation programs.

1935 *Bankhead-Jones Act* (Public Law 74–182) authorized grants to states for agricultural experiment stations.

Agricultural Adjustment Act (Public Law 74–320) authorized 30 percent of the annual customs receipts to be used to encourage the exportation and domestic consumption of agricultural commodities. Commodities purchased under this authorization began to be used in school lunch programs in 1936. The National School Lunch Act of 1946 continued and expanded this assistance.

1936 *An Act to Further the Development and Maintenance of an Adequate and Well-Balanced American Merchant Marine* (Public Law 74–415) established the U.S. Merchant Marine Academy.

1937 *National Cancer Institute Act* established the Public Health Service fellowship program.

1941 *Amendment to Lanham Act of 1940* authorized federal aid for construction, maintenance, and operation of schools in federally impacted areas. Such assistance was continued under Public Law 815 and Public Law 874, 81st Congress, in 1950.

1943 *Vocational Rehabilitation Act* (Public Law 78–16) provided assistance to disabled veterans.

School Lunch Indemnity Plan (Public Law 78–129) provided funds for local lunch food purchases.

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*The U.S. Department of Education as established in 1867 was later known as the Office of Education. In 1980, under Public Law 96–88, it became a cabinet-level department. Therefore, for purposes of consistency, it is referred to as the "U.S. Department of Education" even in those tables covering years when it was officially the Office of Education.

1944 *Servicemen's Readjustment Act* (Public Law 78–346) known as the GI Bill, provided assistance for the education of veterans.

Surplus Property Act (Public Law 78–457) authorized transfer of surplus property to educational institutions.

1946 *National School Lunch Act* (Public Law 79–396) authorized assistance through grants-in-aid and other means to states to assist in providing adequate foods and facilities for the establishment, maintenance, operation, and expansion of nonprofit school lunch programs.

George-Barden Act (Public Law 80–402) expanded federal support of vocational education.

1948 *United States Information and Educational Exchange Act* (Public Law 80–402) provided for the interchange of persons, knowledge, and skills between the United States and other countries.

1949 *Federal Property and Administrative Services Act* (Public Law 81–152) provided for donation of surplus property to educational institutions and for other public purposes.

1950 *Financial Assistance for Local Educational Agencies Affected by Federal Activities* (Public Law 81–815 and Public Law 81–874) provided assistance for construction (Public Law 815) and operation (Public Law 874) of schools in federally affected areas.

Housing Act (Public Law 81–475) authorized loans for construction of college housing facilities.

1954 *An Act for the Establishment of the United States Air Force Academy and Other Purposes* (Public Law 83–325) established the U.S. Air Force Academy.

Educational Research Act (Public Law 83–531) authorized cooperative arrangements with universities, colleges, and state educational agencies for educational research.

School Milk Program Act (Public Law 83–597) provided funds for purchase of milk for school lunch programs.

1956 *Library Services Act* (Public Law 84–597) provided grants to states for extension and improvement of rural public library services.

1957 *Practical Nurse Training Act* (Public Law 84–911) provided grants to states for practical nurse training.

1958 *National Defense Education Act* (Public Law 85–864) provided assistance to state and local school systems for strengthening instruction in science, mathematics, modern foreign languages, and other critical subjects; improvement of state statistical services; guidance, counseling, and testing services and training institutes; higher education student loans and fellowships; foreign language study and training provided by colleges and universities; experimentation and dissemination of information on more effective utilization of television, motion pictures, and related media for educational purposes; and vocational education for technical occupations necessary to the national defense.

Education of Mentally Retarded Children Act (Public Law 85–926) authorized federal assistance for training teachers of the handicapped.

Captioned Films for the Deaf Act (Public Law 85–905) authorized a loan service of captioned films for the deaf.

1961 *Area Redevelopment Act* (Public Law 87–27) included provisions for training or retraining of persons in redevelopment areas.

1962 *Manpower Development and Training Act* (Public Law 87–415) provided training in new and improved skills for the unemployed and underemployed.

Migration and Refugee Assistance Act of 1962 (Public Law 87–510) authorized loans, advances, and grants for education and training of refugees.

1963 *Health Professions Educational Assistance Act of 1963* (Public Law 88–129) provided funds to expand teaching facilities and for loans to students in the health professions.

Vocational Education Act of 1963 (Part of Public Law 88–210) increased federal support of vocational education schools; vocational work-study programs; and research, training, and demonstrations in vocational education.

Higher Education Facilities Act of 1963 (Public Law 88–204) authorized grants and loans for classrooms, libraries, and laboratories in public community colleges and technical institutes, as well as undergraduate and graduate facilities in other institutions of higher education.

1964 *Civil Rights Act of 1964* (Public Law 88–352) authorized the Commissioner of Education to arrange for support for institutions of higher education and school districts to provide inservice programs for assisting instructional staff in dealing with problems caused by desegregation.

Economic Opportunity Act of 1964 (Public Law 88–452) authorized grants for college work-study programs for students from low-income families; established a Job Corps program and authorized support for work-training programs to provide education and vocational training and work experience opportunities in welfare programs; authorized support of education and training activities and of community action programs, including Head Start, Follow Through, and Upward Bound; and authorized the establishment of Volunteers in Service to America (VISTA).

1965 *Elementary and Secondary Education Act of 1965* (Public Law 89–10) authorized grants for elementary and secondary school programs for children of low-income families; school library resources, textbooks, and other instructional materials for school children; supplementary educational centers and services; strengthening state education agencies; and educational research and research training.

Health Professions Educational Assistance Amendments of 1965 (Public Law 89–290) authorized scholarships to aid needy students in the health professions.

Higher Education Act of 1965 (Public Law 89–329) provided grants for university community service programs, college library assistance, library training and research, strengthening developing institutions, teacher training programs, and undergraduate instructional equipment. Authorized insured student loans, established a National Teacher Corps, and provided for graduate teacher training fellowships.

National Foundation on the Arts and the Humanities Act (Public Law 89–209) authorized grants and loans for projects in the creative and performing arts and for research, training, and scholarly publications in the humanities.

National Technical Institute for the Deaf Act (Public Law 89–36) provided for the establishment, construction, equipping, and operation of a residential school for postsecondary education and technical training of the deaf.

School Assistance in Disaster Areas Act (Public Law 89–313) provided for assistance to local education agencies to help meet exceptional costs resulting from a major disaster.

1966 *International Education Act* (Public Law 89–698) provided grants to institutions of higher education for the establishment, strengthening, and operation of centers for research and training in international studies and the international aspects of other fields of study.

National Sea Grant College and Program Act (Public Law 89–688) authorized the establishment and operation of Sea Grant Colleges and programs by initiating and supporting programs of education and research in the various fields relating to the development of marine resources.

Adult Education Act (Public Law 89–750) authorized grants to states for the encouragement and expansion of educational programs for adults, including training of teachers of adults and demonstrations in adult education (previously part of Economic Opportunity Act of 1964).

Model Secondary School for the Deaf Act (Public Law 89–694) authorized the establishment and operation, by Gallaudet College, of a model secondary school for the deaf.

1967 *Education Professions Development Act* (Public Law 90–35) amended the Higher Education Act of 1965 for the purpose of improving the quality of teaching and to help meet critical shortages of adequately trained educational personnel.

Public Broadcasting Act of 1967 (Public Law 90–129) established a Corporation for Public Broadcasting to assume major responsibility in channeling federal funds to noncommercial radio and television stations, program production groups, and ETV networks; conduct research, demonstration, or training in matters related to noncommercial broadcasting; and award grants for construction of educational radio and television facilities.

1968 *Elementary and Secondary Education Amendments of 1968* (Public Law 90–247) modified existing programs, authorized support of regional centers for education of handicapped children, model centers and services for deaf-blind children, recruitment of personnel and dissemination of information on education of the handicapped; technical assistance in education to rural areas; support of dropout prevention projects; and support of bilingual education programs.

Handicapped Children's Early Education Assistance Act (Public Law 90–538) authorized preschool and early education programs for handicapped children.

Vocational Education Amendments of 1968 (Public Law 90–576) modified existing programs and provided for a National Advisory Council on Vocational Education and collection and dissemination of information for programs administered by the Commissioner of Education.

1970 *Elementary and Secondary Education Assistance Programs, Extension* (Public Law 91–230) authorized comprehensive planning and evaluation grants to state and local education agencies; provided for the establishment of a National Commission on School Finance.

National Commission on Libraries and Information Services Act (Public Law 91–345) established a National Commission on Libraries and Information Science to effectively utilize the nation's educational resources.

Office of Education Appropriation Act (Public Law 91–380) provided emergency school assistance to desegregating local education agencies.

Environmental Education Act (Public Law 91–516) established an Office of Environmental Education to develop curriculum and initiate and maintain environmental education programs at the elementary-secondary levels; disseminate information; provide training programs for teachers and other educational, public, community, labor, and industrial leaders and employees; provide community education programs; and distribute material dealing with the environment and ecology.

Drug Abuse Education Act of 1970 (Public Law 91–527) provided for development, demonstration, and evaluation of curricula on the problems of drug abuse.

1971 *Comprehensive Health Manpower Training Act of 1971* (Public Law 92–257) amended Title VII of the Public Health Service Act, increasing and expanding provisions for health manpower training and training facilities.

1972 *Drug Abuse Office and Treatment Act of 1972* (Public Law 92–255) established a Special Action Office for Drug Abuse Prevention to provide overall planning and policy for all federal drug-abuse prevention functions; a National Advisory Council for Drug Abuse Prevention; community assistance grants for community mental health centers for treatment and rehabilitation of persons with drug-abuse problems, and, in December 1974, a National Institute on Drug Abuse.

Education Amendments of 1972 (Public Law 92–318) established the Education Division in the U.S. Department of Health, Education, and Welfare and the National Institute of Education; general aid for institutions of higher education; federal matching grants for state Student Incentive Grants; a National Commission on Financing Postsecondary Education; State Advisory Councils on Community Colleges; a Bureau of Occupational and Adult Education and State Grants for the design, establishment, and conduct of postsecondary occupational education; and a bureau-level Office of Indian Education. Amended current U.S. Department of Education programs to increase their effectiveness and better meet special needs. Prohibited sex bias in admission to vocational, professional, and graduate schools, and public institutions of undergraduate higher education.

1973 *Older Americans Comprehensive Services Amendment of 1973* (Public Law 93–29) made available to older citizens comprehensive programs of health, education, and social services.

Comprehensive Employment and Training Act of 1973 (Public Law 93–203) provided for opportunities for employment and training to unemployed and underemployed persons. Extended and expanded provisions in the Manpower Development and Training Act of 1962, Title I of the Economic Opportunity Act of 1962, Title I of the Economic Opportunity Act of 1964, and the Emergency Employment Act of 1971 as in effect prior to June 30, 1973.

1974 *Education Amendments of 1974* (Public Law 93–380) provided for the consolidation of certain programs; and established a National Center for Education Statistics.

Juvenile Justice and Delinquency Prevention Act of 1974 (Public Law 93–415) provided for technical assistance, staff training, centralized research, and resources to develop and implement programs to keep students in elementary and secondary schools; and established, in the U.S. Department of Justice, a

National Institute for Juvenile Justice and Delinquency Prevention.

1975 *Indian Self-Determination and Education Assistance Act* (Public Law 93–638) provided for increased participation of Indians in the establishment and conduct of their education programs and services.

Harry S Truman Memorial Scholarship Act (Public Law 93–642) established the Harry S Truman Scholarship Foundation and created a perpetual education scholarship fund for young Americans to prepare and pursue careers in public service.

Indochina Migration and Refugee Assistance Act of 1975 (Public Law 94–23) authorized funds to be used for education and training of aliens who have fled from Cambodia or Vietnam.

Education for All Handicapped Children Act (Public Law 94–142) provided that all handicapped children have available to them a free appropriate education designed to meet their unique needs.

1976 *Educational Broadcasting Facilities and Telecommunications Demonstration Act of 1976* (Public Law 94–309) established a telecommunications demonstration program to promote the development of nonbroadcast telecommunications facilities and services for the transmission, distribution, and delivery of health, education, and public or social service information.

1977 *Youth Employment and Demonstration Projects Act of 1977* (Public Law 95–93) established a youth employment training program that includes, among other activities, promoting education-to-work transition, literacy training and bilingual training, and attainment of certificates of high school equivalency.

Career Education Incentive Act (Public Law 95–207) authorized the establishment of a career education program for elementary and secondary schools.

1978 *Tribally Controlled Community College Assistance Act of 1978* (Public Law 95–471) provided federal funds for the operation and improvement of tribally controlled community colleges for Indian students.

Education Amendments of 1978 (Public Law 95–561) established a comprehensive basic skills program aimed at improving pupil achievement (replaced the existing National Reading Improvement program); and established a community schools program to provide for the use of public buildings.

Middle Income Student Assistance Act (Public Law 95–566) modified the provisions for student financial assistance programs to allow middle-income as well as low-income students attending college or other postsecondary institutions to qualify for federal education assistance.

1979 *Department of Education Organization Act* (Public Law 96–88) established a U.S. Department of Education containing functions from the Education Division of the U.S. Department of Health, Education, and Welfare along with other selected education programs from HEW, the U.S. Department of Justice, U.S. Department of Labor, and the National Science Foundation.

1980 *Asbestos School Hazard Detection and Control Act of 1980* (Public Law 96–270) established a program for inspection of schools for detection of hazardous asbestos materials and provided loans to assist educational agencies to contain or remove and replace such materials.

1981 *Education Consolidation and Improvement Act of 1981* (Part of Public Law 97–35) consolidated 42 programs into 7 programs to be funded under the elementary and secondary block grant authority.

1983 *Student Loan Consolidation and Technical Amendments Act of 1983* (Public Law 98–79) established an 8 percent interest rate for Guaranteed Student Loans and extended Family Contribution Schedule.

Challenge Grant Amendments of 1983 (Public Law 98–95) amended Title III, Higher Education Act, and added authorization of Challenge Grant program. The Challenge Grant program provides funds to eligible institutions on a matching basis as an incentive to seek alternative sources of funding.

Education of the Handicapped Act Amendments of 1983 (Public Law 98–199) added the Architectural Barrier amendment and clarified participation of handicapped children in private schools.

1984 *Education for Economic Security Act* (Public Law 98–377) added new science and mathematics programs for elementary, secondary, and postsecondary education. The new programs included magnet schools, excellence in education, and equal access.

Carl D. Perkins Vocational Education Act (Public Law 98–524) continued federal assistance for vocational education through FY 1989. The act replaced the Vocational Education Act of 1963. It provided aid to the states to make vocational education programs accessible to all persons, including handicapped and disadvantaged, single parents and homemakers, and the incarcerated.

Human Services Reauthorization Act (Public Law 98–558) created a Carl D. Perkins scholarship program, a National Talented Teachers Fellowship program, a Federal Merit Scholarships program, and a Leadership in Educational Administration program.

1985 *Montgomery GI Bill—Active Duty* (Public Law 98–525), brought about a new GI Bill for individuals who initially entered active military duty on or after July 1, 1985.

Montgomery GI Bill—Selected Reserve (Public Law 98–525), is an education program for members of the Selected Reserve (which includes the National Guard) who enlist, reenlist, or extend an enlistment after June 30, 1985, for a 6-year period.

1986 *Handicapped Children's Protection Act of 1986* (Public Law 99–372) allowed parents of handicapped children to collect attorneys' fees in cases brought under the Education of the Handicapped Act and provided that the Education of the Handicapped Act does not preempt other laws, such as Section 504 of the Rehabilitation Act.

Drug-Free Schools and Communities Act of 1986 (Part of Public Law 99–570), part of the Anti-Drug Abuse Act of 1986, authorized funding for FYs 1987–89. Established programs for drug abuse education and prevention, coordinated with related community efforts and resources, through the use of federal financial assistance.

1987 *Higher Education Act Amendments of 1987* (Public Law 100–50) made technical corrections, clarifications, or conforming amendments related to the enactment of the Higher Education Amendments of 1986.

1988 *Augustus F. Hawkins-Robert T. Stafford Elementary and Secondary School Improvement Amendments of 1988* (Public Law 100–297) reauthorized through 1993 major elementary and secondary education programs including: Chapter 1, Chapter 2, Bilingual Education, Math-Science Education, Magnet Schools, Impact Aid, Indian Education, Adult Education, and other smaller education programs.

Technology-Related Assistance for Individuals with Disabilities Act of 1988 (Public Law 100–407) provided financial assistance to states to develop and implement consumer-responsive statewide programs of technology-related assistance for persons of all ages with disabilities.

Stewart B. McKinney Homeless Assistance Amendments Act of 1988 (Public Law 100–628) extended for two additional years programs providing assistance to the homeless, including literacy training for homeless adults and education for homeless youths.

Tax Reform Technical Amendments (Public Law 100–647) authorized an Education Savings Bond for the purpose of postsecondary educational expenses. The bill grants tax exclusion for interest earned on regular series EE savings bonds.

1989 *Children with Disabilities Temporary Care Reauthorization Act of 1989* (Public Law 101–127) revised and extended the programs established in the Temporary Child Care for Handicapped Children and Crises Nurseries Act of 1986.

Childhood Education and Development Act of 1989 (Part of Public Law 101–239) authorized the appropriations to expand Head Start Programs and programs carried out under the Elementary and Secondary Education Act of 1965 to include child care services.

1990 *Excellence in Mathematics, Science and Engineering Education Act of 1990* (Public Law 101–589) was intended to promote excellence in American mathematics, science, and engineering education by creating a national mathematics and science clearinghouse, and creating several other mathematics, science, and engineering education programs.

Student Right-To-Know and Campus Security Act (Public Law 101–542) requires institutions of higher education receiving federal financial assistance to provide certain information with respect to the graduation rates of student-athletes at such institutions. The act also requires the institution to certify that it has a campus security policy and will annually submit a uniform crime report to the Federal Bureau of Investigation (FBI).

Americans with Disabilities Act of 1990 (Public Law 101–336) prohibits discrimination against persons with disabilities.

National and Community Service Act of 1990 (Public Law 101–610) increased school and college-based community service opportunities and authorized the President's Points of Light Foundation.

School Dropout Prevention and Basic Skills Improvement Act of 1990 (Public Law 101–600) was intended to improve secondary school programs for basic skills improvements and dropout reduction.

Asbestos School Hazard Abatement Reauthorization Act of 1990 (Public Law 101–637) reauthorized the Asbestos School Hazard Abatement Act of 1984, which provided financial support to elementary and secondary schools to inspect for asbestos and to develop and implement an asbestos management plan.

Eisenhower Exchange Fellowship Act of 1990 (Public Law 101–454) provided a permanent endowment for the Eisenhower Exchange Fellowship Program.

Omnibus Budget Reconciliation Act of 1990 (Public Law 101–508) included a set of student aid provisions that were estimated to yield a savings of $2 billion over 5 years. These provisions included delayed Guaranteed Student Loan disbursements, tightened ability-to-benefit eligibility, and expanded pro rata refund policy and the elimination of student aid eligibility at high default schools.

1991 *National Literacy Act of 1991* (Public Law 102–73) established the National Institute for Literacy, the National Institute Board, and the Interagency Task Force on Literacy. Amended various federal laws to establish and extend various literacy programs.

High-Performance Computing Act of 1991 (Public Law 102–194) directed the President to implement a National High-Performance Computing Program. Provided for: (1) establishment of a National Research and Education Network; (2) standards and guidelines for high performance networks; and (3) the responsibility of certain federal departments and agencies with regard to the Network.

Veterans' Educational Assistance Amendments of 1991 (Public Law 102–127) restored certain educational benefits available to reserve and active-duty personnel under the Montgomery GI Bill to students whose course studies were interrupted by the Persian Gulf War.

Civil Rights Act of 1991 (Public Law 102–166) amended the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967, and the Americans with Disabilities Act of 1990, with regard to employment discrimination. Established the Technical Assistance Training Institute.

1992 *Higher Education Amendments of 1992* (Public Law 102–325) amended the Higher Education Act of 1965 to revise and reauthorize funding for its various programs.

Ready-To-Learn Act (Public Law 102–545) amended the General Education Provisions Act to establish Ready-To-Learn Television programs to support educational programming and support materials for preschool and elementary school children and their parents, child care providers, and educators.

National Commission on Time and Learning, Extension (Public Law 102–359) amended the National Education Commission on Time and Learning Act to extend the authorization of appropriations for such Commission, amended the Elementary and Secondary Education Act of 1965 to revise provisions for (1) a specified civic education program; and (2) schoolwide projects for educationally disadvantaged children, and provided for additional Assistant Secretaries of Education.

1993 *Student Loan Reform Act* (Public Law 103–66) reformed the student aid process by phasing in a system of direct lending designed to provide savings for taxpayers and students. Allows students to choose among a variety of repayment options, including income contingency.

National Service Trust Act (Public Law 103–82) amended the National and Community Service Act of 1990 to establish a Corporation for National Service and enhance opportunities for national service. In addition, the Act provided education grants up to $4,725 per year for 2 years to people age 17 years or older who perform community service before, during, or after postsecondary education.

NAEP Assessment Authorization (Public Law 103–33) authorizes the use of NAEP for state-by-state comparisons.

1994 *Goals 2000: Educate America Act* (Public Law 103–227) established a new federal partnership through a system of grants to states and local communities to reform the nation's education system. The Act formalized the national education goals and established the National Education Goals Panel. It also created a National Education Standards and Improvement Council (NESIC) to provide voluntary national certification of state and local education standards and assessments and established the National Skill Standards Board to develop voluntary national skill standards.

School-To-Work Opportunities Act of 1994 (Public Law 103–239) established a national framework within which states and communities can develop School-To-Work Opportunities systems to prepare young people for first jobs and continuing education. The Act also provided money to states and communities to develop a system of programs that include work-based learning, school-based learning, and connecting activities components. School-To-Work programs will provide students with a high school diploma (or its equivalent), a nationally recognized skill certificate, or an associate degree (if appropriate) and may lead to a first job or further education.

Safe Schools Act of 1994 (Part of Public Law 103–227) authorized the award of competitive grants to local educational agencies with serious crime to implement violence prevention activities such as conflict resolution and peer mediation.

Educational Research, Development, Dissemination, and Improvement Act of 1994 (Part of Public Law 103–227) authorized the educational research and dissemination activities of the Office of Educational Research and Improvement. The regional educational laboratories and university-based research and development centers are authorized under this act.

Student Loan Default Exemption Extension (Public Law 103–235) amended the Higher Education Act of 1965 to extend until July 1, 1998, the effective date for cohort default rate extension for Historically Black Colleges and Universities, tribally controlled community colleges, and Navajo community colleges.

Improving America's Schools Act (Public Law 103–382) reauthorized and revamped the Elementary and Secondary Education Act. The legislation includes Title I, the federal government's largest program providing educational assistance to disadvantaged children; professional development and technical assistance programs; a safe and drug-free schools and communities provision; and provisions promoting school equity.

1995 *Amendment to the Elementary and Secondary Education Act of 1965* (Public Law 104–5) amended a provision of Part A of Title IX of the Elementary and Secondary Education Act of 1965 relating to Indian education, to provide a technical amendment and for other purposes.

1996 *Contract With America: Unfunded Mandates* (Public Law 104–4) a bill to curb the practice of imposing unfunded federal mandates on states and local governments; to strengthen the partnership between the federal government and state, local, and tribal governments; to end the imposition, in the absence of full consideration by Congress, of federal mandates on state, local, and tribal governments without adequate funding, in a manner that may displace other essential governmental priorities and to ensure that the federal government pays the costs incurred by those governments in complying with certain requirements under federal statutes and regulations; and for other purposes.

Developmental Disabilities Assistance and Bill of Rights Act Amendments of 1996 (Public Law 104–1834) amended the Developmental Disabilities Assistance and Bill of Rights Act to extend the act, and for other purposes.

Remove Grant Limits on Historically Black Colleges (Public Law 104–141) amended section 326 of the Higher Education Act of 1965 to permit continued participation by historically black graduate and professional schools in the grant program authorized by that section.

Correct Impact-Aid Payments (Public Law 104–195) amends the Impact Aid Program to provide for a hold-harmless with respect to amounts for payments relating to the federal acquisition of real property, and for other purposes.

Human Rights, Refugee, and Other Foreign Relations Provisions Act of 1996 (Public Law 104–319) made certain provisions with respect to internationally recognized human rights, refugees, and foreign relations to revise U.S. human rights policy.

1997 *Need-Based Educational Aid Antitrust Protection Act of 1997* (Public Law 105–43) amends the Improving America's Schools Act of 1994 to clarify the financial information exchanged between institutions of higher education.

The Taxpayer Relief Act of 1997 (Public Law 105–34) enacted the Hope Scholarship and Life-Long Learning Tax Credit provisions into law.

Individuals with Disabilities Education Act Amendments of 1997 (Public Law 105–17) amended the Individuals with Disabilities Education Act (IDEA) to revise its provisions and extend through fiscal year 2002 the authorization of appropriations for IDEA programs.

Emergency Student Loan Consolidation Act of 1997 (Public Law 105–78) amends the Higher Education Act to provide for improved student loan consolidation services.

1998 *Workforce Investment Act of 1998* (Public Law 105–220) enacted the Adult Education and Family Literacy Act, and substantially revised and extended, through fiscal year 2003, the Rehabilitation Act of 1973.

Higher Education Amendments of 1998 (Public Law 105–244) substantially amended, and reauthorized, through fiscal year 2003, the Higher Education Act of 1965.

Omnibus Consolidated and Emergency Supplemental Appropriations Act, 1999 (Public Law 105–277) enacted the Reading Excellence Act, to promote the ability of children to read independently by the 3rd grade; earmarked funds to help states and school districts reduce class sizes in the early grades.

Charter School Expansion Act (Public Law 105–278) amended the charter school program, enacted in 1994 as Title X, Part C of the Elementary and Secondary Education Act of 1965.

Carl D. Perkins Vocational and Applied Technology Education Amendments of 1998 (Public Law 105–332) revised, in its entirety, the Carl D. Perkins Vocational and Applied Technology Eduation Act, and reauthorized the Act through fiscal year 2003.

Assistive Technology Act of 1998 (Public Law 105–394) replaced the Technology-Related Assistance for Individuals with Disabilities Act of 1988 with a new Act, authorized through fiscal year 2004, to address the assistive-technology needs of individuals with disabilities.

1999 *Education Flexibility Partnership Act of 1999* (Public Law 106–25) authorizes the Secretary of Education to allow all states to participate in the Education Flexibility Partnership program.

District of Columbia College Access Act of 1999 (Public Law 106–98) establishes a program to afford high school graduates from the District of Columbia the benefits of in-state tuition at state colleges and universities outside the District of Columbia.

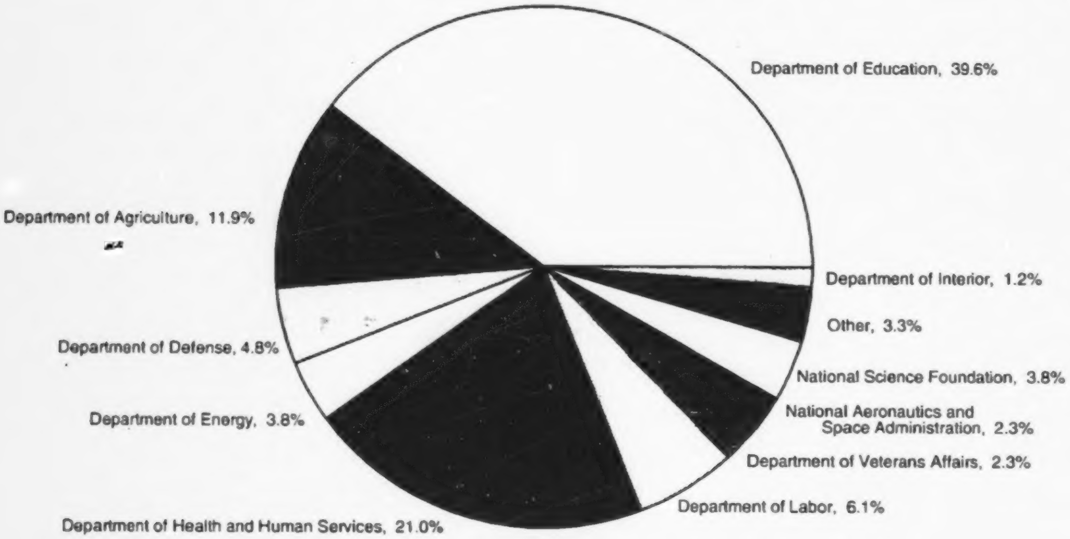
Ticket to Work and Work Incentives Improvement Act of 1999 (Public Law 106–170) amends the Social Security Act to expand the availability of health care coverage for working individuals with disabilities and establishes a Ticket to Work and Self-Sufficiency Program in the Social Security Administration to provide such individuals with meaningful opportunities to work.

2000 *The National Defense Authorization Act for Fiscal Year 2001* (Public Law 106–398) includes, as Title XVIII, the Impact Aid Reauthorization Act of 2000, which extends the Impact Aid programs through fiscal year 2003.

College Scholarship Fraud Prevention Act of 2000 (Public Law 106–420) enhanced federal penalties for offenses involving scholarship fraud, requires an annual scholarship fraud report by the Attorney General, the Secretary of Education, and the Federal Trade Commission (FTC), and requires the Secretary of Education, in conjunction with the FTC, to maintain a scholarship fraud awareness Web site.

Consolidated Appropriations Act 2001 (Public Law 106–554) created a new program of assistance for school repair and renovation, and amended the Elementary and Secondary Education Act of 1965 to authorize credit enhancement initiatives to help charter schools obtain, construct, or repair facilities; to reauthorize the Even Start program; and enacted the "Children's Internet Protection Act."

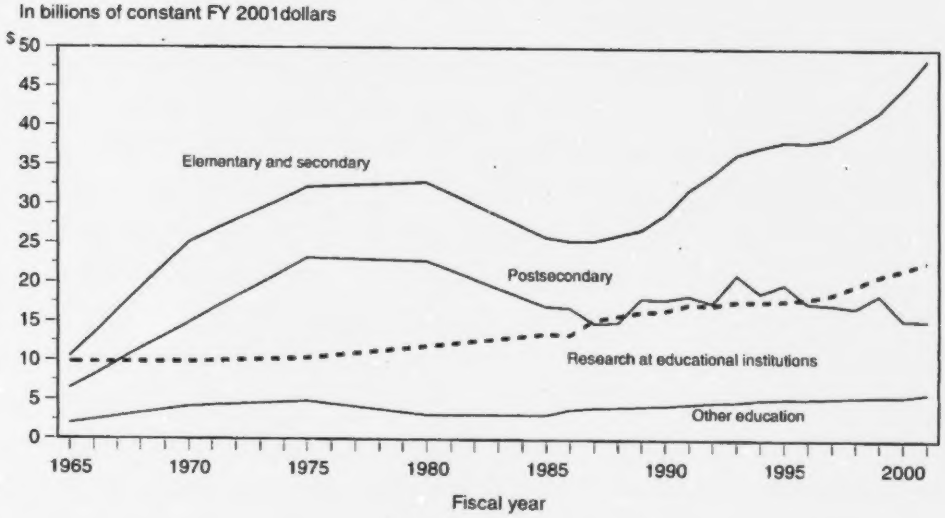
Figure 20.–Federal on-budget funds for education, by agency: Fiscal year 2001



Total = $92.8 billion

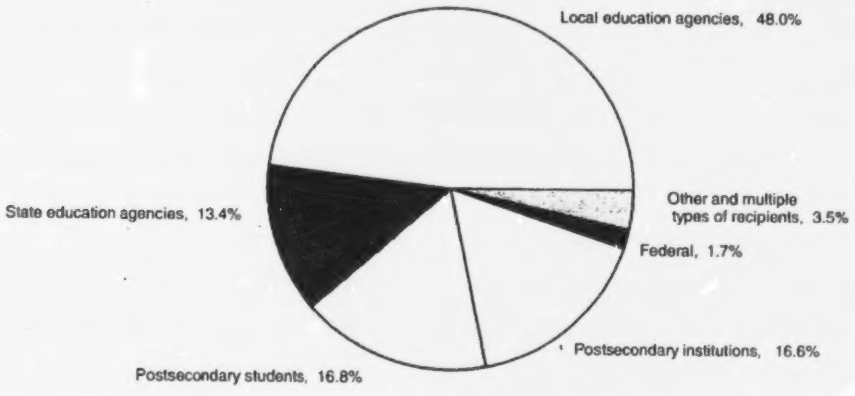
SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government, Fiscal Year 2002*; and National Science Foundation, *Federal Funds for Research and Development, Fiscal Years 1999, 2000, and 2001*.

Figure 21.–Federal on-budget funds for education, by level or other educational purpose: 1965 to 2001



SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government*, fiscal years 1967 to 2002; National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1967 to 2001; and unpublished data.

Figure 22.–Department of Education outlays, by type of recipient: Fiscal year 2001



Total outlays = $36.8 billion

SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government, Fiscal Year 2002; Catalog of Federal Domestic Assistance*; National Science Foundation, *Federal Funds for Research and Development , Fiscal Years 1999, 2000, and 2001*; and unpublished data obtained from various federal agencies.

Table 362.—Federal support and estimated federal tax expenditures for education, by category: Fiscal years 1965 to 2001

[In millions of dollars]

Fiscal year	Total on-budget support, off-budget support, and nonfederal funds generated by federal legislation	On-budget support[1]					Off-budget support and nonfederal funds generated by federal legislation								Estimated federal tax expenditures for education[9]
		Total	Elementary and secondary	Postsecondary	Other education	Research at educational institutions	Total	Off-budget support	Nonfederal funds						
								Federal Direct Student Loans[2]	Federal Family Education Loans[3]	Perkins Loans[4]	Income Contingent Loans[5]	Leveraging Educational Assistance Partnerships Programs[6]	Supplemental Educational Opportunity Grants[7]	Work-Study aid[8]	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Current dollars														
1965	$5,354.7	$5,331.0	$1,942.6	$1,197.5	$374.7	$1,816.3	$23.7	—	—	$16.1	—	—	—	$7.6	—
1970	13,359.1	12,526.5	5,830.4	3,447.7	964.7	2,283.6	832.6	—	$770.0	21.0	—	—	—	41.6	—
1975	24,691.5	23,288.1	10,617.2	7,644.0	1,608.5	3,418.4	1,403.4	—	1,233.0	35.7	—	$20.0	—	114.7	$8,605.0
1980	39,349.5	34,493.5	16,027.7	11,115.9	1,548.7	5,801.2	4,856.0	—	4,598.0	31.8	—	76.8	—	149.4	13,320.0
1985	47,753.4	39,027.9	16,901.3	11,174.4	2,107.6	8,844.6	8,725.5	—	8,467.0	21.4	—	76.0	—	161.1	19,105.0
1986	48,357.3	39,962.9	17,049.9	11,283.6	2,620.0	9,009.4	8,394.4	—	8,142.0	20.2	—	72.7	—	159.5	20,425.0
1987	50,724.6	41,194.7	17,535.7	10,300.0	2,820.4	10,538.6	9,529.8	—	9,272.0	20.9	$0.6	76.0	—	160.4	20,830.0
1988	54,078.7	43,454.4	18,564.9	10,657.5	2,981.6	11,250.5	10,624.3	—	10,380.0	20.6	0.5	72.8	—	150.4	17,025.0
1989	59,537.4	48,269.6	19,809.5	13,269.9	3,180.3	12,009.8	11,267.8	—	10,938.0	20.4	0.5	71.9	$22.0	215.0	17,755.0
1990	62,811.5	51,624.3	21,984.4	13,650.9	3,383.0	12,606.0	11,187.2	—	10,826.0	15.0	0.5	59.2	48.8	237.7	19,040.0
1991	70,375.6	57,599.5	25,418.0	14,707.4	3,698.6	13,775.4	12,776.1	—	12,372.0	17.3	0.5	63.5	87.7	235.0	18,995.0
1992	74,481.1	60,483.1	27,926.9	14,387.4	3,992.0	14,176.9	13,998.0	—	13,568.0	17.3	0.5	72.0	97.2	242.9	19,950.0
1993	84,741.5	67,740.6	30,834.3	17,844.0	4,107.2	14,955.1	17,000.8	—	16,524.0	29.3	—	72.4	184.6	190.5	21,010.0
1994	92,781.5	68,254.2	32,304.4	16,177.1	4,483.7	15,289.1	24,527.3	$813.0	23,214.0	52.7	—	72.4	184.6	190.5	22,630.0
1995	95,810.8	71,639.5	33,623.8	17,618.1	4,719.7	15,677.9	24,171.2	5,161.0	18,519.0	52.7	—	63.4	184.6	190.5	24,600.0
1996	96,833.0	71,327.4	34,391.5	15,775.5	4,828.0	16,332.3	25,505.6	8,357.0	16,711.0	31.1	—	31.4	184.6	190.5	26,340.0
1997	103,259.8	73,731.8	35,478.9	15,959.4	5,021.2	17,272.4	29,528.0	9,838.0	19,163.0	52.7	—	50.0	184.6	239.7	28,125.0
1998	107,810.5	76,909.2	37,486.2	15,799.6	5,148.5	18,475.0	30,901.3	10,400.1	20,002.5	45.0	—	25.0	194.3	234.4	29,540.0
1999	113,417.2	82,863.6	39,937.9	17,651.2	5,318.0	19,956.5	30,553.6	9,953.0	20,107.0	33.3	—	25.0	195.9	239.4	37,360.0
2000	119,100.0	85,502.6	43,809.0	15,010.4	5,485.1	21,198.0	33,597.4	10,347.0	22,711.0	33.3	—	50.0	199.7	256.4	39,475.0
2001[10]	128,149.7	92,774.5	48,707.0	15,310.1	5,976.4	22,781.1	35,375.2	10,860.0	23,903.0	33.3	—	80.0	218.7	280.2	41,460.0
	Constant fiscal year 2001 dollars[11]														
1965	$28,838.4	$28,710.7	$10,461.9	$6,449.3	$2,017.7	$9,781.7	$127.7	—	—	$86.8	—	—	—	$40.9	—
1970	57,523.6	53,938.5	25,105.6	14,845.6	4,154.0	9,833.3	3,585.0	—	$3,315.6	90.3	—	—	—	179.1	—
1975	74,729.7	70,482.4	32,133.4	23,135.0	4,868.1	10,346.0	4,247.3	—	3,731.7	107.9	—	$60.5	—	347.1	$26,043.4
1980	80,474.0	70,543.0	32,778.4	22,733.2	3,167.3	11,864.1	9,931.0	—	9,403.4	65.0	—	157.1	—	305.5	27,240.9
1985	72,821.6	59,515.6	25,773.7	17,040.4	3,214.0	13,487.6	13,305.9	—	12,911.8	32.6	—	115.9	—	245.7	29,134.2
1986	71,966.7	59,473.9	25,374.2	16,792.6	3,899.2	13,408.0	12,492.8	—	12,117.2	30.1	—	108.2	—	237.4	30,397.1
1987	73,473.2	59,669.5	25,400.0	14,919.3	4,085.3	15,264.9	13,803.7	—	13,430.3	30.3	$0.8	110.1	—	232.3	30,171.7
1988	75,925.8	61,009.4	26,064.8	14,963.0	4,186.1	15,795.5	14,916.4	—	14,573.4	29.0	0.7	102.2	—	211.2	23,902.8
1989	80,602.5	65,347.9	26,818.4	17,964.9	4,305.6	16,259.0	15,254.5	—	14,808.0	27.6	0.7	97.3	$29.8	291.1	24,036.9
1990	82,256.6	67,606.1	28,790.2	17,876.9	4,430.3	16,508.6	14,650.5	—	14,177.5	19.7	0.7	77.5	63.9	311.3	24,934.4
1991	88,264.7	72,241.0	31,879.2	18,446.0	4,638.8	17,277.1	16,023.7	—	15,516.9	21.8	0.6	79.7	110.0	294.7	23,823.4
1992	90,351.0	73,370.3	33,877.3	17,452.9	4,842.5	17,197.6	16,980.6	—	16,459.0	21.0	0.7	87.3	118.0	294.7	24,200.8
1993	100,268.5	80,152.6	36,484.0	21,113.5	4,859.7	17,695.3	20,115.9	—	19,551.7	34.6	—	85.7	218.4	225.5	24,859.6
1994	107,549.9	79,118.5	37,446.4	18,752.0	5,197.4	17,722.7	28,431.4	$942.4	26,909.1	61.1	—	84.0	214.0	220.9	26,232.1
1995	108,480.9	81,113.2	38,070.3	19,948.0	5,343.8	17,751.2	27,367.7	5,843.5	20,968.0	59.6	—	71.8	209.0	215.7	27,853.1
1996	107,116.6	78,902.3	38,043.9	17,450.9	5,340.8	18,066.8	28,214.3	9,244.5	18,485.7	34.4	—	34.7	204.2	210.7	29,137.3
1997	111,909.5	79,908.1	38,450.8	17,296.3	5,441.8	18,719.2	32,001.4	10,662.1	20,768.2	57.1	—	54.2	200.1	259.8	30,480.9
1998	115,372.0	82,303.4	40,115.3	16,907.7	5,509.6	19,770.8	33,068.6	11,129.5	21,405.4	48.2	—	26.8	207.9	250.8	31,611.8
1999	119,351.3	87,199.1	42,027.5	18,574.7	5,596.3	21,000.6	32,152.2	10,473.8	21,159.0	35.0	—	26.3	206.1	251.9	39,314.7
2000	122,227.0	87,747.5	44,959.2	15,404.5	5,629.1	21,754.6	34,479.5	10,618.7	23,307.3	34.2	—	51.3	204.9	263.1	40,511.4
2001[10]	128,149.7	92,774.5	48,707.0	15,310.1	5,976.4	22,781.1	35,375.2	10,860.0	23,903.0	33.3	—	80.0	218.7	280.2	41,460.0

—Not available or applicable.

[1] On-budget support includes federal funds for education programs tied to appropriations.

[2] The Federal Direct Student Loan (FDSL) program, renamed the William D. Ford Direct Loan program, provides students with the same benefits they are currently eligible to receive under the Federal Family Education Loan (FFEL) program but provides loans to students through federal capital rather than through private lenders. This program is an off-budget support program.

[3] Formerly the Guaranteed Student Loan program. New student loans guaranteed by the federal government and disbursed to borrowers.

[4] Student loans created from institutional matching funds (since 1993 1/3 of federal capital contributions). Excludes repayments of outstanding loans.

[5] Student loans created from institutional matching funds (1/9 of the federal contribution). This was a demonstration project that involved only 10 institutions and had unsubsidized interest rates. Program repealed in FY 1992.

[6] Formerly the State Student Incentive Grant program. Provides dollar-for-dollar required state matching contributions. Starting in fiscal year 2000, under $30.0 million was also dollar-for-dollar required state matching contributions, and over $30.0 million, the state matching is two-to-one.

[7] Institutions award grants to undergraduate students, and the federal share of such grants may not exceed 75 percent of the total grant.

[8] Employer contributions to student earnings is generally 1/3 of federal allocation.

[9] Losses of tax revenue attributable to provisions of the federal income tax laws that allow a special exclusion, exemption, or deduction from gross income or provide a special credit, preferential rate of tax, or a deferral of tax liability affecting individual or corporate income tax liabilities.

[10] Estimated.

[11] Data adjusted by the federal funds composite deflator prepared by the U.S. Office of Management and Budget.

NOTE: To the extent possible, federal education funds data represent outlays rather than obligations. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, compiled from data appearing in U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1967 to 2002; National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1965 to 2001; and unpublished data obtained from various federal agencies. (This table was prepared April 2001.)

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Table 363.—Federal on-budget funds for education, by agency: Fiscal years 1965 to 2001

[In thousands of current dollars]

Agency	1965	1970	1975	1980	1985	1990	1995	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11
Total	$5,331,016	$12,526,499	$23,288,120	$34,493,502	$39,027,878	$51,624,342	$71,639,520	$82,863,596	$85,502,629	$92,774,545
Department of Education	1,000,567	4,625,224	7,350,355	13,137,785	16,701,065	23,198,575	31,403,000	34,344,076	34,106,697	36,754,063
Department of Agriculture	768,927	960,910	2,219,352	4,562,467	4,782,274	6,260,843	9,092,089	10,318,294	11,107,826	11,029,503
Department of Commerce	9,347	13,990	38,967	135,561	55,114	53,835	88,929	105,802	108,400	130,500
Department of Defense	587,412	821,365	1,009,229	1,560,301	3,119,213	3,605,509	3,879,002	4,112,225	4,432,981	4,476,157
Department of Energy	442,434	551,527	764,676	1,605,558	2,247,822	2,561,950	2,692,314	3,354,514	3,373,918	3,535,161
Department of Health and Human Services	1,027,537	1,796,854	3,675,225	5,613,930	5,322,356	7,956,011	12,469,563	15,535,462	17,601,780	19,467,381
Department of Housing and Urban Development	221,256	114,709	−52,768	5,314	438	118	1,613	1,000	1,000	1,100
Department of the Interior	170,088	190,975	300,191	440,547	549,479	630,537	702,796	773,313	959,402	1,095,128
Department of Justice	10,252	15,728	61,542	60,721	66,802	99,775	172,350	261,459	277,627	286,842
Department of Labor	230,041	424,494	1,103,935	1,862,738	1,948,685	2,511,380	3,967,914	5,407,300	4,688,600	5,633,600
Department of State	64,200	59,742	89,433	25,188	23,820	51,225	54,671	346,921	388,349	394,268
Department of Transportation	—	27,534	52,290	54,712	82,035	76,186	135,816	115,030	120,254	138,990
Department of the Treasury	8,240	18	1,118,840	1,247,463	290,276	41,715	49,496	65,000	83,000	92,000
Department of Veterans Affairs	97,237	1,032,918	4,402,212	2,351,233	1,289,849	757,476	1,324,382	1,552,813	1,577,374	2,105,952
Other agencies and programs										
ACTION	—	—	7,081	2,833	1,761	8,472	—	—	—	—
Agency for International Development	63,329	88,034	78,896	176,770	198,807	249,786	290,580	326,047	313,000	409,700
Appalachian Regional Commission	—	37,838	46,786	19,032	4,745	93	10,623	10,031	7,243	7,300
Barry Goldwater Scholarship and Excellence in Education Foundation	—	—	—	—	—	1,033	3,000	3,000	3,000	3,000
Corporation for National and Community Service	—	—	—	—	—	—	214,600	372,000	386,000	498,000
Environmental Protection Agency	—	19,446	33,875	41,083	60,521	87,481	125,721	127,800	153,500	151,600
Estimated education share of federal aid to the District of Columbia	11,350	33,019	55,487	81,847	107,340	104,940	78,796	117,710	147,643	158,127
Federal Emergency Management Agency	—	290	290	1,946	1,828	215	170,400	14,356	14,894	12,500
General Services Administration	4,013	14,775	22,532	34,800	—	—	—	—	—	—
Harry S Truman Scholarship fund	—	—	—	−1,895	1,332	2,883	3,000	3,000	3,000	3,000
Institute of American Indian and Alaskan Native Culture and Arts Development	—	—	—	—	—	4,305	13,000	4,000	2,000	4,000
Institute of Museum and Library Services	—	—	—	—	—	—	—	142,000	166,000	165,000
James Madison Memorial Fellowship Foundation	—	—	—	—	—	191	2,000	2,000	7,000	2,000
Japanese-United States Friendship Commission	—	—	—	2,294	2,236	2,299	2,000	2,000	3,000	3,000
Library of Congress	15,111	29,478	63,766	151,871	169,310	189,827	241,000	350,000	299,000	305,000
National Aeronautics and Space Administration	206,788	258,366	197,901	255,511	487,624	1,093,303	1,757,900	2,094,349	2,096,538	2,097,920
National Archives and Records Administration	—	—	—	—	52,118	77,397	105,172	131,707	121,879	142,713
National Commission on Libraries and Information Science	—	—	449	2,000	723	3,281	1,000	1,000	2,000	1,000
National Endowment for the Arts	—	340	4,754	5,220	5,536	5,577	9,421	11,136	10,048	10,081
National Endowment for the Humanities	—	8,459	63,955	142,586	125,671	141,048	151,727	92,100	100,014	100,315
National Science Foundation	181,216	295,628	535,204	808,392	1,147,115	1,588,891	2,086,195	2,729,717	2,785,298	3,495,505
Nuclear Regulatory Commission	—	—	7,093	32,590	30,261	42,328	22,188	8,900	9,100	10,800
Office of Economic Opportunity	189,871	1,092,410	16,619	—	—	—	—	—	—	—
Smithsonian Institution	2,233	2,461	5,509	5,153	7,686	5,779	9,961	—	—	—
United States Arms Control Agency	—	100	—	661	395	25	—	10,135	25,764	31,794
United States Information Agency	7,512	8,423	9,405	66,210	143,007	201,547	294,800	—	—	—
United States Institute of Peace	—	—	—	—	—	7,621	12,000	12,000	13,000	15,000
Other agencies	10,055	1,421	5,949	990	432	885	500	5,400	6,500	6,545

—Not available or applicable.

NOTE: Data for fiscal year 2001 are estimated. Negative amounts occur when program receipts exceed outlays. To the extent possible, amounts reported represent outlays, rather than obligations. Some data have been revised from previously published data. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, compiled from data appearing in U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1967 to 2002; National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1965 to 2001; and unpublished data obtained from various federal agencies. (This table was prepared April 2001.)

Table 364.—Federal on-budget funds for education, by level or other educational purpose, by agency and program: Fiscal years 1965 to 2001

[In thousands of current dollars]

Level or educational purpose, by agency and program	1965	1970	1975	1980	1985	1990[1]	1995[2]	1999[3]	2000[4]	2001[5]
1	2	3	4	5	6	7	8	9	10	11
Total, all programs	**$5,331,016**	**$12,526,499**	**$23,288,120**	**$34,493,502**	**$39,027,876**	**$51,624,342**	**$71,639,520**	**$82,863,596**	**$85,502,629**	**$92,774,545**
Elementary/secondary education programs	**$1,942,577**	**$5,830,442**	**$10,617,195**	**$16,027,686**	**$16,901,334**	**$21,984,361**	**$33,623,809**	**$39,937,910**	**$43,809,043**	**$48,706,995**
Department of Education[6]	567,343	2,719,204	4,132,742	6,629,095	7,296,702	9,681,313	14,029,000	17,026,662	20,039,563	22,931,418
Grants for the disadvantaged	—	1,339,014	1,874,353	3,204,664	4,206,754	4,494,111	6,808,000	7,554,155	8,529,111	8,470,199
Impact aid program[7]	349,671	656,372	618,711	690,170	647,402	816,366	808,000	1,081,063	877,101	1,140,483
School improvement programs	72,298	288,304	700,470	788,918	526,401	1,189,158	1,397,000	1,328,021	2,549,971	3,287,617
Indian education	—	—	40,036	93,365	82,328	69,451	71,000	56,845	65,285	84,473
Bilingual education	—	21,250	92,693	169,540	157,539	188,919	225,000	311,331	362,662	448,110
Special education	13,849	79,090	151,244	821,777	1,017,964	1,616,623	3,177,000	4,444,100	4,948,977	5,814,825
Vocational and adult education	131,525	335,174	655,235	860,661	658,314	1,306,685	1,482,000	1,364,029	1,462,977	1,722,985
Education Reform - Goals 2000[8]	—	—	—	—	—	—	61,000	887,118	1,243,479	1,962,726
Department of Agriculture	623,014	760,477	1,884,345	4,064,497	4,134,906	5,528,950	8,201,294	9,367,933	10,051,278	10,041,539
Child nutrition programs[9]	178,580	299,131	1,452,267	3,377,056	3,664,561	4,977,075	7,644,789	8,877,933	9,554,028	9,541,539
Agricultural Marketing Service—commodities[10]	340,073	341,597	248,839	388,000	336,502	350,441	400,000	400,000	400,000	400,000
Special milk program[9]	86,609	83,800	122,858	159,293	15,993	18,707	(9)	(9)	(9)	(9)
Estimated education share of Forest Service permanent appropriations	17,752	35,949	60,381	140,148	117,850	182,727	156,505	90,000	97,250	100,000
Department of Commerce	—	—	—	54,816	—	—	—	—	—	—
Local public works program—school facilities[11]	—	—	—	54,816	—	—	—	—	—	—
Department of Defense	73,000	143,100	264,500	370,846	831,625	1,097,876	1,295,547	1,378,974	1,485,611	1,489,147
Junior ROTC	—	12,100	12,500	32,000	55,600	39,300	155,600	167,636	210,432	218,418
Overseas dependents schools	73,000	131,000	252,000	338,846	613,437	864,958	855,772	882,261	904,829	895,935
Section VI schools[7]	—	—	—	—	162,588	193,618	284,175	329,077	370,350	374,794
Department of Energy[12]	100	200	300	77,633	23,031	15,563	12,646	—	—	—
Energy conservation for school buildings[13]	—	—	—	77,240	22,731	15,213	10,746	—	—	—
Pre-engineering program	100	200	300	393	300	350	1,900	—	—	—
Department of Health and Human Services[14]	79,999	167,333	683,885	1,077,000	1,531,059	2,396,793	5,116,559	5,429,850	6,011,036	6,979,608
Head Start[15]	—	—	403,900	735,000	1,075,059	1,447,758	3,534,000	4,658,000	5,267,000	6,200,000
Payments to states for AFDC work programs[16]	—	—	—	—	—	459,221	953,000	62,000	15,000	9,000
Social Security student benefits[17]	79,999	167,333	279,985	342,000	456,000	489,814	629,559	709,850	729,036	770,608
Department of the Interior	130,096	140,705	220,392	318,170	389,810	445,267	493,124	593,306	725,423	812,627
Mineral Leasing Act and other funds:										
Payments to states—estimated education share	11,075	12,294	27,389	62,636	127,369	123,811	18,750	13,840	24,610	4,370
Payments to counties—estimated education share	10,731	16,359	29,494	48,953	59,016	102,522	37,490	23,900	53,500	9,500
Indian Education:										
Bureau of Indian Affairs schools	92,603	95,850	141,056	178,112	177,265	192,841	411,524	476,086	466,905	488,418
Johnson-O'Malley assistance[18]	15,534	16,080	22,251	28,081	25,675	25,556	24,359	18,080	17,387	16,998
Education construction	—	—	—	—	—	—	—	60,400	161,021	292,341
Education expenses for children of employees, Yellowstone National Park	153	122	202	388	485	538	1,000	1,000	2,000	1,000
Department of Justice	6,402	8,237	9,822	23,890	36,117	65,997	128,850	204,800	224,800	244,400
Vocational training expenses for prisoners in federal prisons	1,466	2,720	3,039	4,966	8,292	2,066	3,000	3,000	1,000	1,000
Inmate programs[19]	4,936	5,517	6,783	18,924	27,825	63,931	125,850	201,800	223,800	243,400
Department of Labor	230,041	420,927	1,097,811	1,849,800	1,945,268	2,505,487	3,957,800	5,402,000	4,683,200	5,628,000
Job Corps[20]	—	—	175,000	469,800	604,748	739,376	1,029,000	1,253,000	1,256,000	1,412,000
Training programs—estimated funds for education programs[21]	230,041	420,927	922,811	1,380,000	1,340,520	1,766,111	2,928,800	4,149,000	3,427,200	4,216,000
Department of Transportation[22]	—	45	50	60	60	46	62	150	188	218
Tuition assistance for educational accreditation—Coast Guard personnel[23]	—	45	50	60	60	46	62	150	188	218
Department of the Treasury	32	—	847,139	935,903	273,728	—	—	—	—	—
Estimated education share of general revenue sharing:[24]										
State[25]	—	—	475,224	525,019	—	—	—	—	—	—
Local	—	—	371,915	410,884	273,728	—	—	—	—	—
Tuition assistance for educational accreditation—Coast Guard personnel[23]	32	—	—	—	—	—	—	—	—	—
Department of Veterans Affairs[26]	41,250	338,910	1,371,500	545,786	344,758	155,351	311,768	417,903	445,052	427,177
Noncollegiate and job training programs[27]	14,550	281,640	1,249,410	439,993	224,035	12,848	—	—	—	—
Vocational rehabilitation for disabled veterans[28]	17,400	41,700	73,100	87,980	107,480	136,780	298,132	411,592	438,635	419,200
Dependents' education[29]	9,300	15,570	48,990	17,813	13,243	5,723	5,961	6,311	6,417	7,977
Service members occupational conversion and training act of 1992[30]	—	—	—	—	—	—	7,675	—	—	—
Other agencies:										
Appalachian Regional Commission[31]	—	33,161	41,667	9,157	4,632	93	2,173	3,254	2,588	2,600
National Endowment for the Arts[32]	—	—	3,686	4,989	4,399	4,641	7,117	4,862	6,002	4,816
Arts in education	—	—	3,686	4,989	4,399	4,641	7,117	4,862	6,002	4,816
National Endowment for the Humanities[33]	—	20	149	330	321	404	997	360	812	815
Office of Economic Opportunity[34]	182,793	1,072,375	16,619	—	—	—	—	—	—	—
Head Start[35]	96,400	325,700	—	—	—	—	—	—	—	—
Other elementary and secondary programs[36]	20,000	42,809	16,612	—	—	—	—	—	—	—
Job Corps[37]	34,000	144,000	—	—	—	—	—	—	—	—
Youth Corps and other training programs[38]	31,000	553,368	7	—	—	—	—	—	—	—

Table 364.—Federal on-budget funds for education, by level or other educational purpose, by agency and program: Fiscal years 1965 to 2001—Continued

[In thousands of current dollars]

Level or educational purpose, by agency and program	1965	1970	1975	1980	1985	1990 [1]	1995 [2]	1999 [3]	2000 [4]	2001 [5]
1	2	3	4	5	6	7	8	9	10	11
Volunteers in Service to America (VISTA)[39]	1,393	6,498	—	—	—	—	—	—	—	—
Other programs:										
Estimated education share of federal aid to the District of Columbia	8,507	25,748	42,588	65,714	84,918	86,579	66,871	107,857	133,490	144,630
Postsecondary education programs	**$1,197,511**	**$3,447,697**	**$7,644,037**	**$11,115,882**	**$11,174,379**	**$13,650,915**	**$17,618,137**	**$17,651,199**	**$15,010,421**	**$15,310,069**
Department of Education[8]	237,955	1,187,962	2,089,184	5,682,242	8,202,499	11,175,978	14,234,000	13,715,591	10,727,315	10,026,839
Student financial assistance[40]	—	—	—	3,682,789	4,162,695	5,920,328	7,047,000	9,124,741	9,060,317	10,006,502
Federal Direct Student Loan Program[41,42]	—	—	—	—	—	—	840,000	626,794	-2,882,240	-442,485
Federal Family Education Loan Program[42,43]	—	2,323	111,087	1,407,977	3,534,795	4,372,446	5,190,000	2,805,488	2,707,473	-1,788,059
Higher education	218,264	1,029,131	1,838,066	399,787	404,511	659,492	871,000	854,632	1,530,779	1,911,710
Facilities—loans and insurance[42]	3,588	114,199	16,292	-19,031	5,307	19,219	-6,000	-8,207	-2,174	-4,538
College housing loans[42,44]	—	—	—	14,082	-164,061	-57,167	-46,000	-34,959	-41,886	-29,757
Educational activities overseas	129	774	1,881	3,561	1,838	82	—	—	—	—
Historically Black Colleges and Universities Capital Financing, Program Account[45]	—	—	—	—	—	—	—	103	150	204
Gallaudet College and Howard University	15,974	38,559	111,971	176,829	229,938	230,327	292,000	301,542	291,060	324,391
National Technical Institute for the Deaf[46]	—	2,976	9,887	16,248	27,476	31,251	46,000	45,457	43,836	48,871
Department of Agriculture	—	—	6,450	10,453	17,741	31,273	33,373	29,676	30,676	32,676
Agriculture Extension Service, Second Morrill Act payments to agricultural and mechanical colleges and Tuskegee Institute[47]	—	—	6,450	10,453	17,741	31,273	33,373	29,676	30,676	32,676
Department of Commerce	5,081	8,277	14,973	29,971	2,163	3,312	3,487	3,602	3,800	3,600
Sea Grant Program[48]	—	—	1,886	3,123	2,163	3,312	3,487	3,602	3,800	3,600
Merchant Marine Academy[49]	3,570	6,160	10,152	14,809	—	—	—	—	—	—
State marine schools[49]	1,511	2,117	2,935	12,039	—	—	—	—	—	—
Department of Defense[50]	77,500	322,100	379,800	545,000	1,041,700	635,769	729,500	983,183	1,147,759	1,198,099
Tuition assistance for military personnel	—	57,500	86,800	(51)	77,100	95,300	127,000	280,500	263,303	284,500
Service academies[52]	77,500	78,700	86,200	106,100	196,400	120,613	163,300	115,116	212,678	236,958
Senior ROTC	—	108,100	116,500	(51)	354,000	193,056	219,400	321,820	363,461	361,355
Professional development education[53]	—	77,800	90,300	(51)	414,200	226,800	219,800	265,747	308,317	315,286
Department of Energy[12]	3,000	3,000	3,000	57,701	19,475	25,502	28,027	—	—	—
University laboratory cooperative program	3,000	3,000	3,000	2,800	6,500	9,402	8,552	—	—	—
Teacher development projects[54]	—	—	—	1,400	—	—	—	—	—	—
Graduate traineeship programs[55]	—	—	—	—	—	—	—	—	—	—
Energy conservation for buildings—higher education[13]	—	—	—	53,501	12,705	7,459	7,381	—	—	—
Minority honors vocational training[56]	—	—	—	—	150	—	—	—	—	—
Honors research program[56]	—	—	—	—	120	6,472	2,221	—	—	—
Students and teachers[57]	—	—	—	—	—	2,169	9,873	—	—	—
Department of Health and Human Services[14]	469,223	981,483	1,686,650	2,412,058	516,088	578,542	796,035	880,210	954,190	1,204,340
Health professions training programs[58]	139,795	353,029	599,350	460,736	212,200	230,600	298,302	301,656	340,361	587,919
Indian health manpower[59]	—	—	—	7,187	5,577	9,508	27,000	29,000	16,000	31,000
National Health Service Corps scholarships	—	—	1,206	70,667	2,268	4,759	78,206	28,523	33,300	32,332
National Institutes of Health training grants[60]	—	—	154,875	176,388	217,927	241,356	380,502	509,185	550,220	539,000
National Institute of Occupational Safety and Health training grants	4,327	6,088	7,182	12,899	8,760	10,461	11,660	11,709	14,198	14,000
Alcohol, drug abuse, and mental health training programs[61]	85,101	118,366	83,727	122,103	43,617	81,353	—	—	—	—
Health teaching facilities	—	—	353	3,078	739	505	365	137	110	89
Social Security postsecondary students' benefits[62]	240,000	502,000	839,957	1,559,000	25,000	—	—	—	—	—
Department of Housing and Urban Development[42]	220,744	114,199	-55,418	—	—	—	—	—	—	—
College housing loans[42,44]	220,744	114,199	-55,418	—	—	—	—	—	—	—
Department of the Interior	30,153	31,749	50,844	80,202	125,247	135,480	159,054	132,207	187,179	234,501
Shared revenues, Mineral Leasing Act and other receipts—estimated education share	6,260	6,949	15,480	35,403	71,991	69,980	82,810	47,800	98,740	143,690
Indian programs:										
Continuing education[63]	8,993	9,380	13,311	16,909	24,338	34,911	43,907	54,898	57,576	60,604
Higher education scholarships	14,900	15,420	22,053	27,890	28,918	30,589	32,337	29,509	30,863	30,206
Department of State	53,420	30,850	50,347	—	—	2,167	3,000	290,000	319,000	321,000
Educational exchange[64]	53,420	30,850	50,347	—	—	—	—	290,000	319,000	321,000
Mutual educational and cultural exchange activities	47,025	30,454	50,300	—	—	—	—	276,000	303,000	305,000
International educational exchange activities	6,395	396	47	—	—	—	—	14,000	16,000	16,000
Russian, Eurasian, and East European Research and Training[65]	—	—	—	—	—	2,167	3,000	—	—	—
Department of Transportation[22]	—	11,197	11,885	12,530	55,569	46,025	59,257	60,300	60,300	76,900
Merchant Marine Academy[49]	—	—	—	—	19,898	20,926	30,850	32,000	34,000	47,000
State marine schools[66]	—	—	—	—	19,777	8,269	8,980	7,000	7,000	8,000
Coast Guard Academy[23]	—	9,342	9,780	10,000	11,857	12,074	13,500	14,500	15,500	15,200
Postgraduate training for Coast Guard officers[67]	—	1,655	1,855	2,230	3,499	4,173	5,513	5,800	2,500	3,100
Tuition assistance to Coast Guard military personnel[23]	—	200	250	300	538	582	414	1,000	1,300	3,600
Department of the Treasury	8,208	—	268,605	296,750	—	—	—	—	—	—

Table 364.—Federal on-budget funds for education, by level or other educational purpose, by agency and program: Fiscal years 1965 to 2001—Continued

[In thousands of current dollars]

Level or educational purpose, by agency and program	1965	1970	1975	1980	1985	1990[1]	1995[2]	1999[3]	2000[4]	2001[5]
1	2	3	4	5	6	7	8	9	10	11
General revenue sharing—estimated state share to higher education[24,25]	—	—	268,605	296,750	—	—	—	—	—	—
Coast Guard Academy[23]	6,815	—	—	—	—	—	—	—	—	—
Postgraduate training for Coast Guard officers[67]	1,293	—	—	—	—	—	—	—	—	—
Tuition assistance to Coast Guard military personnel[23]	100	—	—	—	—	—	—	—	—	—
Department of Veterans Affairs[26]	55,650	693,490	3,029,600	1,803,847	944,091	599,825	1,010,114	1,134,910	1,132,322	1,678,775
Vietnam-era veterans:[68]	33,950	638,260	2,840,600	1,579,974	694,217	46,998	—	—	—	—
College student support	—	—	—	1,560,081	679,953	39,458	—	—	—	—
Work-study	—	—	—	19,893	14,264	7,540	—	—	—	—
Service persons college support[69]	—	18,900	74,690	46,617	35,630	8,911	—	—	—	—
Post-Vietnam veterans[70]	—	—	—	922	82,554	161,475	33,596	3,710	3,958	4,300
All-volunteer-force educational assistance:[71]	—	—	—	—	196	269,947	868,394	988,724	984,068	1,494,844
Veterans[72]	—	—	—	—	—	183,765	760,390	886,059	876,434	1,378,994
Reservists[73]	—	—	—	—	196	86,182	108,004	102,665	107,634	115,850
Veteran dependents' education[74]	21,700	36,330	114,310	176,334	131,494	100,494	95,124	129,476	131,296	165,631
Payments to state education agencies[75]	—	—	—	—	—	12,000	13,000	13,000	13,000	14,000
Other agencies:										
Appalachian Regional Commission[31]	—	4,105	2,545	1,751	—	—	2,741	3,366	2,286	2,300
National Endowment for the Humanities[33]	—	3,349	25,320	56,451	49,098	50,938	56,481	28,518	28,395	28,500
National Science Foundation	27,170	42,000	60,283	64,583	60,069	161,884	211,800	369,000	389,000	478,000
Science and engineering education programs	27,170	37,000	60,283	64,583	60,069	161,884	211,800	369,000	389,000	478,000
Sea Grant Program[46]	—	5,000	—	—	—	—	—	—	—	—
United States Information Agency[76]	7,512	8,423	9,405	51,095	124,041	181,172	260,800	—	—	—
Educational and cultural affairs[64]	—	—	—	49,546	21,079	35,862	13,600	—	—	—
Educational and cultural exchange programs[77]	—	—	—	—	101,529	145,307	247,200	—	—	—
Educational exchange activities, international	—	—	—	1,549	1,433	3	—	—	—	—
Information center and library activities[78]	7,512	8,423	9,405	—	—	—	—	—	—	—
Other programs:										
Barry Goldwater Scholarship and Excellence in Education Foundation[79]	—	—	—	—	—	1,033	3,000	3,000	3,000	3,000
Estimated education share of federal aid to the District of Columbia	1,895	5,513	10,564	13,143	15,266	14,637	9,468	8,636	13,199	12,539
Harry S Truman Scholarship fund[42,80]	—	—	—	–1,895	1,332	2,883	3,000	3,000	3,000	3,000
Institute of American Indian and Alaskan Native Culture and Arts Development[81]	—	—	—	—	—	4,305	13,000	4,000	2,000	4,000
James Madison Memorial Fellowship Foundation[82]	—	—	—	—	—	191	2,000	2,000	7,000	2,000
Other education programs	**$374,652**	**$964,719**	**$1,608,478**	**$1,548,730**	**$2,107,588**	**$3,383,031**	**$4,719,655**	**$5,318,020**	**$5,485,121**	**$5,976,416**
Department of Education[6]	182,021	630,235	1,045,659	747,706	1,173,055	2,251,801	2,861,000	3,123,291	3,223,355	3,430,388
Administration	17,732	47,456	108,372	187,317	284,900	328,293	404,000	439,941	458,054	555,819
Libraries[83]	26,111	108,284	225,810	129,127	85,650	137,264	117,000	—	—	—
Rehabilitative services and disability research	137,313	473,091	709,483	426,886	798,298	1,780,360	2,333,000	2,675,165	2,755,468	2,858,738
American Printing House for the Blind	865	1,404	1,994	4,349	4,230	5,736	7,000	7,725	9,368	15,203
Trust funds and contributions[42]	—	—	—	27	–23	148	—	460	465	628
Department of Agriculture	87,551	135,637	220,395	271,112	336,375	352,511	422,878	428,311	444,477	453,788
Extension Service	85,924	131,734	215,523	263,584	325,986	337,907	405,371	408,311	424,174	433,429
National Agricultural Library	1,627	3,903	4,872	7,528	10,389	14,604	17,507	20,000	20,303	20,359
Department of Commerce	251	1,226	2,317	2,479	—	—	—	—	—	—
Maritime Administration:										
Training for private sector employees[48]	251	1,226	2,317	2,479	—	—	—	—	—	—
Department of Health and Human Services[14]	3,953	24,273	31,653	37,819	47,195	77,962	138,000	181,000	214,000	246,000
National Library of Medicine	3,953	24,273	31,653	37,819	47,195	77,962	138,000	181,000	214,000	246,000
Department of Housing and Urban Development	512	—	—	—	—	—	—	—	—	—
Urban mass transportation—managerial training grants[84]	512	—	—	—	—	—	—	—	—	—
Department of Justice	3,850	5,546	42,818	27,642	25,517	26,923	36,296	33,759	34,727	24,442
FBI National Academy	1,850	2,066	5,100	7,234	4,189	6,028	12,831	18,815	22,479	14,776
FBI Field Police Academy	1,450	2,500	5,254	7,715	10,220	10,548	11,140	14,410	11,962	9,280
Narcotics and dangerous drug training	550	980	1,152	2,416	83	850	325	534	286	386
National Institute of Corrections[85]	—	—	31,312	10,277	11,025	9,494	12,000	—	—	—
Department of State	10,780	20,672	28,113	25,000	23,791	47,539	51,648	56,921	69,349	73,268
Foreign Service Institute	6,395	15,857	20,750	25,000	23,791	47,539	51,648	56,921	69,349	73,268
Center for Cultural and Technical Interchange[64]	4,385	4,815	7,363	—	—	—	—	—	—	—
Department of Transportation[22]	—	3,964	11,877	10,212	3,785	1,507	650	720	700	700
Highways training and education grants[86]	—	2,418	3,250	3,412	1,500	—	—	—	—	—
Maritime Administration:										
Training for private sector employees[49]	—	—	—	—	1,135	1,507	650	720	700	700
Urban mass transportation—managerial training grants[84]	—	1,546	2,627	500	1,150	—	—	—	—	—
Federal Aviation Administration[87]										
Air traffic controllers second career program[88]	—	—	6,000	6,300	—	—	—	—	—	—

Table 364.—Federal on-budget funds for education, by level or other educational purpose, by agency and program: Fiscal years 1965 to 2001—Continued

[In thousands of current dollars]

Level or educational purpose, by agency and program	1965	1970	1975	1980	1985	1990[1]	1995[2]	1999[3]	2000[4]	2001[5]
1	2	3	4	5	6	7	8	9	10	11
Department of the Treasury	—	18	3,096	14,584	16,160	41,488	48,000	65,000	83,000	92,000
Federal Law Enforcement Training Center[89]	—	18	3,096	14,584	16,160	41,488	48,000	65,000	83,000	92,000
Other agencies:										
ACTION[90]	—	—	7,045	2,833	1,761	8,472	—	—	—	—
Estimated education funds[91]	—	—	7,045	2,833	1,761	8,472	—	—	—	—
Agency for International Development	63,329	88,034	78,896	99,707	141,847	170,371	260,408	313,047	299,000	396,000
Education and human resources	53,968	61,570	58,349	80,518	115,104	142,801	248,408	313,047	299,000	396,000
American schools and hospitals abroad	9,361	26,464	20,547	19,189	26,743	27,570	12,000	—	—	—
Appalachian Regional Commission[30]	—	572	1,574	8,124	113	—	5,709	3,411	2,369	2,400
Corporation for National and Community Service[90]	—	—	—	—	—	—	214,600	372,000	386,000	498,000
Estimated education funds[91]	—	—	—	—	—	—	214,600	372,000	386,000	498,000
Federal Emergency Management Agency[92]	—	290	290	281	405	215	170,400	14,356	14,894	12,500
Estimated architect/engineer student development program[93]	—	40	40	31	155	200	—	—	—	—
Estimated other training programs[94]	—	250	250	250	250	15	—	—	—	—
Estimated disaster relief[95]	—	—	—	—	—	—	170,400	14,356	14,894	12,500
General Services Administration										
Libraries and other archival activities[96]	4,013	14,775	22,532	34,800	—	—	—	—	—	—
Institute of Museum and Library Services[63]	—	—	—	—	—	—	—	142,000	166,000	165,000
Japanese-United States Friendship Commission[97]	—	—	—	2,294	2,236	2,299	2,000	2,000	3,000	3,000
Library of Congress	15,111	29,478	63,766	151,871	169,310	189,827	241,000	350,000	299,000	305,000
Salaries and expenses	11,421	20,700	48,798	102,364	130,354	148,985	198,000	301,000	247,000	253,000
Books for the blind and the physically handicapped	2,317	6,195	11,908	31,436	32,954	37,473	39,000	45,000	46,000	47,000
Special foreign currency program	1,187	2,273	2,333	3,492	4,621	10	—	—	—	—
Furniture and furnishings	186	310	727	14,579	1,381	3,359	4,000	4,000	6,000	5,000
National Aeronautics and Space Administration										
Aerospace education services project	100	350	600	882	1,800	3,300	5,923	6,649	6,800	6,200
National Archives and Records Administration[98]										
Libraries and other archival activities	—	—	—	—	52,118	77,397	105,172	131,707	121,879	142,713
National Commission on Libraries and Information Science[99]	—	—	449	2,090	723	3,281	1,000	1,000	2,000	1,000
National Endowment for the Arts[32]	—	340	1,068	231	1,137	936	2,304	6,275	4,046	5,265
National Endowment for the Humanities[33]	—	5,090	38,486	85,805	76,252	89,708	94,249	63,221	70,807	71,000
Smithsonian Institution	2,233	2,461	5,509	5,153	7,886	5,779	9,961	10,135	25,764	31,794
Museum programs and related research	2,133	2,261	4,203	3,254	4,665	690	3,190	3,400	18,000	19,000
National Gallery of Art extension service	100	200	300	426	675	474	771	735	764	794
Woodrow Wilson International Center for Scholars	—	—	1,006	1,473	2,546	4,615	6,000	6,000	7,000	12,000
U.S. Information Agency—Center for Cultural and Technical Interchange[64]	—	—	—	15,115	18,966	20,375	34,000	—	—	—
U.S. Institute of Peace[100]	—	—	—	—	—	7,621	12,000	12,000	13,000	15,000
Other programs:										
Estimated education share of federal aid for the District of Columbia	948	1,758	2,335	2,990	7,156	3,724	2,457	1,217	954	958
Research programs at universities and related institutions[101]	**$1,816,276**	**$2,283,641**	**$3,418,410**	**$5,801,204**	**$8,844,575**	**$12,606,035**	**$15,677,919**	**$19,956,467**	**$21,198,044**	**$22,781,065**
Department of Education[102]	13,248	87,823	82,770	78,742	28,809	89,483	279,000	478,532	116,464	365,418
Department of Agriculture	58,362	64,796	108,162	216,405	293,252	348,109	434,544	492,374	581,395	501,500
Department of Commerce	4,015	4,487	21,677	48,295	52,951	50,523	85,442	102,200	104,600	126,900
Department of Defense	436,912	356,188	364,929	644,455	1,245,888	1,871,864	1,853,955	1,750,068	1,799,611	1,788,911
Department of Energy	439,334	548,327	761,376	1,470,224	2,205,316	2,520,885	2,651,641	3,354,514	3,373,918	3,535,161
Department of Health and Human Services	474,362	623,765	1,273,037	2,087,053	3,228,014	4,902,714	6,418,969	9,044,402	10,422,554	11,037,433
Department of Housing and Urban Development	—	510	2,650	5,314	438	118	1,613	1,000	1,000	1,100
Department of the Interior	9,839	18,521	28,955	42,175	34,422	49,790	50,618	47,800	46,800	48,000
Department of Justice	—	1,945	8,902	9,189	5,168	6,858	7,204	22,900	18,100	18,000
Department of Labor	—	3,567	6,124	12,938	3,417	5,893	10,114	5,300	5,400	5,600
Department of State	—	8,220	10,973	188	29	1,519	23	—	—	—
Department of Transportation	—	12,328	28,478	31,910	22,621	28,608	75,847	53,860	59,066	61,172
Department of the Treasury	—	—	—	226	388	227	1,496	—	—	—
Department of Veterans Affairs	337	518	1,112	1,600	1,000	2,300	2,500	—	—	—
ACTION	—	—	36	—	—	—	—	—	—	—
Agency for International Development	—	—	—	77,063	56,960	79,415	30,172	13,000	14,000	13,700
Corporation for National and Community Service	—	—	—	—	—	—	—	—	—	—
Environmental Protection Agency	—	19,446	33,875	41,083	60,521	87,481	125,721	127,800	153,500	151,600
Federal Emergency Management Agency	—	—	—	1,665	1,423	—	—	—	—	—
National Aeronautics and Space Administration	208,688	258,016	197,301	254,629	465,824	1,090,003	1,751,977	2,087,700	2,089,738	2,091,720
National Science Foundation	154,046	253,628	475,011	743,809	1,087,046	1,427,007	1,874,395	2,360,717	2,396,298	3,017,505

Table 364.—Federal on-budget funds for education, by level or other educational purpose, by agency and program: Fiscal years 1965 to 2001—Continued

[In thousands of current dollars]

Level or educational purpose, by agency and program	1965	1970	1975	1980	1985	1990[1]	1995[2]	1999[3]	2000[4]	2001[5]
1	2	3	4	5	6	7	8	9	10	11
Nuclear Regulatory Commission	—	—	7,093	32,590	30,261	42,328	22,188	8,900	9,100	10,800
Office of Economic Opportunity	7,078	20,035	—	—	—	—	—	—	—	—
U.S. Arms Control and Disarmament Agency	—	100	—	661	395	25	—	—	—	—
U.S. Information Agency	—	—	—	—	—	—	—	—	—	—
Other agencies	10,055	1,421	5,949	990	432	885	500	5,400	6,500	6,545

—Not available or applicable.

[1] Excludes $4,440,000,000 for federal support for medical education benefits under Medicare in the U.S. Department of Health and Human Services. Is not included in the total because data before fiscal year 1990 are not available. This program has existed since Medicare began, but was not available as a separate budget item until FY 90.

[2] Excludes $7,510,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

[3] Excludes $10,290,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

[4] Excludes $8,020,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

[5] Estimated. Excludes $8,030,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

[6] The U.S. Department of Education was created in May 1980. It formerly was the Office of Education in the U.S. Department of Health, Education, and Welfare.

[7] Section 6 of public law 81–874 (the former Impact Aid statute) was funded and administered by the U.S. Department of Education during 1951–1981. This program allowed the Secretary to make arrangements for the education of children who reside on federal property when no suitable local school district could or would provide for the education of these children. Since 1981, the provision was funded by the Department of Defense and in 1994, when public law 81–874 was repealed, the Department of Defense was authorized to fund and administer similar provisions.

[8] This program creates a national framework for education reform and meeting the National Education Goals. This program includes the School-To-Work Opportunities program administered jointly by the U.S. Departments of Education and Labor. This program helps states create statewide systems to help youth acquire the knowledge, skills, abilities, and labor market information they need to make an effective transition from school to work or to further their education or training.

[9] Starting in FY 94, the Special Milk program was included in the Child Nutrition program.

[10] These commodities are purchased under Section 32 of the Act of August 24, 1935, for use in the child nutrition programs.

[11] This program assisted in the construction of public facilities, such as vocational schools, through grants or loans. No funds have been appropriated for this account since FY 77, and it was completely phased out in FY 84.

[12] The U.S. Department of Energy was created in 1977. It formerly was the Energy Research and Development Administration and before that the Atomic Energy Commission. No funds were designated for any of the education programs listed on this table in FYs 96 and 97.

[13] This program was established in 1979. Funds were first appropriated for this program in FY 80.

[14] The U.S. Department of Health and Human Services was part of the U.S. Department of Health, Education, and Welfare until May 1980.

[15] The Head Start program was formerly in the Office of Economic Opportunity, and funds were appropriated to the U.S. Department of Health, Education, and Welfare, Office of Child Development, beginning in 1972.

[16] This program was created by the Family Support Act of 1988. It provides funds for the Job Opportunities and Basic Skills Training program. This activity is being replaced by Temporary Assistance for Needy Families program.

[17] After age 18, benefits terminate at the end of the school term or in 3 months, whichever is less.

[18] This program provides funding for supplemental programs for eligible American Indian students in public schools.

[19] This program finances the cost of academic, social, and occupational education courses for inmates in federal prisons.

[20] The Job Corps program was formerly in the Office of Economic Opportunity, and funds were appropriated to the U.S. Department of Labor beginning in 1971 and 1972.

[21] Some of the work and training programs included in this program were in the Office of Economic Opportunity and were transferred to the U.S. Department of Labor in 1971 and 1972. Beginning in FY 94, the School-to-Work Opportunities program is included. This program is administered jointly by the U.S. Departments of Education and Labor.

[22] The U.S. Department of Transportation was created in 1967.

[23] This program was transferred from the U.S. Department of the Treasury to the U.S. Department of Transportation in 1967.

[24] This program was established in FY 72 and closed in FY 86.

[25] The states' share of revenue-sharing funds could not be spent on education in FYs 81–86.

[26] The U.S. Department of Veterans Affairs, formerly the Veterans Administration, was created in March 1989.

[27] This program provides educational assistance allowances in order to restore lost educational opportunities to those individuals whose careers were interrupted or impeded by reason of active military service between January 31, 1955, and January 1, 1977. Includes "Readjustment Benefits," Chapter 34, for education other than college and also includes the Veterans Job Training program for service persons and veterans. The Chapter 34 program closed December 31, 1989. The Veterans Job Training Program was put in the program Payments to State Education Agencies. Veterans who were still eligible to receive benefits under Chapter 34 were covered by Chapter 30 (The All-Volunteer-Force Educational Assistance program).

[28] This program is in "Readjustment Benefits" program, Chapter 31, and covers the costs of subsistence, tuition, books, supplies, and equipment for disabled veterans requiring vocational rehabilitation.

[29] This program is in the "Readjustment Benefits" program, Chapter 35, and provides benefits to children and spouses of veterans.

[30] The purpose of this program is to provide stable and permanent employment to those men and women who have served on active duty on or after August 2, 1990, and are unemployed. Program expired in 1997.

[31] This agency was established March 9, 1965. Its first year of appropriations was 1966. The outlays were larger in the years 1970 and 1975 for elementary and secondary education because of the construction of facilities for vocational schools.

[32] This agency was established in 1965. In 1970, $900,000 was appropriated through the Office of Education, U.S. Department of Health, Education, and Welfare, for the National Endowment for the Arts, Arts in Education program.

[33] This agency was established in 1965. First year of appropriations was 1966.

[34] The Economic Opportunity Act of 1964 authorized 10 major action programs, including Job Corps, Neighborhood Youth Corps, Adult Literacy, Work Experience, College Work-Study, and Community Action programs, including Head Start, Follow Through, and Upward Bound, and authorized the establishment of Volunteers in Service to America (VISTA). These programs were transferred to the U.S. Department of Health, Education, and Welfare, U.S. Department of Labor, and the Action Agency in the 1970s. An act on January 4, 1975 established the Community Services Administration as the successor agency to the Office of Economic Opportunity.

[35] Head Start program funds were transferred to the U.S. Department of Health, Education, and Welfare, Office of Child Development, in 1972.

[36] Most of these programs were transferred to the U.S. Department of Health, Education, and Welfare, Office of Education, in 1972.

[37] The Job Corps programs were transferred to the U.S. Department of Labor in 1971 and 1972.

[38] These programs were transferred to the U.S. Department of Labor in 1971 and 1972.

[39] These programs were transferred to the Action Agency in 1972.

[40] Similar programs were included in the "higher education" program in 1965 through 1975.

[41] The Student Loan Reform Act of 1993 authorized a new Federal Direct Student Loan (FDSL) program, renamed the William D. Ford Direct Loan program. This program is a new streamlined lending system that simplifies the process of obtaining and repaying loans for student and parent borrowers and provides borrowers with greater choice in repayment plans.

[42] Negative amounts occur when program receipts exceed outlays.

[43] Similar programs were included in the "higher education" program in 1965 through 1975, formerly called the "Guaranteed Student Loan" program.

[44] This program was transferred from the U.S. Department of Housing and Urban Development to the U.S. Department of Health, Education, and Welfare, Office of Education, in FY 79.

[45] The Historically Black Colleges and Universities (HBCUs) Capital Financing program was authorized by the Higher Education Act Amendments of 1992 to provide HBCUs with private funds for repair, renovation, and construction projects.

[46] First year of appropriations for this program was 1967.

[47] Program funds were first appropriated for Tuskegee Institute in 1972.

[48] The Sea Grant College Program Act of 1966 established a matching fund grant program that provides for the establishment of a network of programs in fields related to development and preservation of the nation's coastal and marine resources. This program was transferred from the National Science Foundation to the U.S. Department of Commerce, October 1970.

[49] This program was transferred to the U.S. Department of Transportation in FY 81 by Public Law 97–31, from the U.S. Department of Commerce.

[50] The U.S. Department of Defense funds for FYs 90 to 96 exclude military pay and reserve accounts which were included in previous years. FY 65 data are not available except for service academies.

[51] Included in total above.

[52] Instructional costs only are included. These include academics, audiovisual, academic computing center, faculty training, military training, physical education, and libraries.

[53] Includes special education programs (military and civilian); legal education program; flight training; advanced degree program; college degree program (officers); and "Armed Forces Health Professions Scholarship" program.

[54] No funds have been appropriated since FY 82.

[55] This program receives funds periodically.

[56] Appropriations began in FY 84.

[57] Appropriations began in FY 89.

[58] Does not include higher education assistance loans.

[59] Appropriations began in FY 78.

[60] Alcohol, drug abuse, and mental health training programs are included starting in fiscal year 1992.

[61] Beginning in fiscal year 1992, data were included in the National Institutes of Health training grants program.

[62] Postsecondary student benefits were ended by the Omnibus Budget Reconciliation Act of 1981 (Public Law 97–35) and were completely phased out by August 1985.

[63] Includes adult education, tribally-controlled community colleges, postsecondary instruction, and other education.

[64] This program was transferred from the U.S. Department of State to the International Communication Agency (I.C.A.) in 1977, which consolidated the functions of the U.S. Information Agency and the U.S. Department of State's Bureau of Educational and Cultural Affairs. In FY 82 the I.C.A. became the U.S.I.A. In FY 98 pursuant to the Foreign Affairs Reform and Restructuring Act of 1998, this program from the United States Information Agency was transferred to the U.S. Department of State.

[65] This program provides funds for advanced study and research projects of the Russian, Eurasian, and Eastern European countries by American institutions of higher education and private research firms. Appropriations began in FY 88.

[66] This program was transferred to the U.S. Department of Transportation in FY 81 by Public Law 97–31 from the U.S. Department of Commerce.

[67] Includes flight training. This program was in the U.S. Department of the Treasury in 1965 and was transferred to the U.S. Department of Transportation in 1967.

[68] Includes benefits for Vietnam-era veterans under Chapter 34 (GI Bill) of the "Readjustment Benefits" education and training program. This program provides educational assistance allowances, primarily on a monthly basis, in order to restore lost educational opportunities to those individuals whose careers were interrupted or impeded by reason of active military service between January 31, 1955, and January 1, 1977. This program closed December 31, 1989. Some veterans who were still eligible were put in Chapter 30 (the All-Volunteer-Force Educational Assistance program).

[69] Includes service persons under Chapter 34 (GI Bill) of the "Readjustment Benefits" education and training program. Service persons with over 180 days of active duty, any part of which was before January 1, 1977, are eligible to participate in this program.

[70] Includes post-Vietnam-era veterans, under Chapter 32, of the post-Vietnam-era "Veterans Education Account." Provides education and training assistance payments to veterans and service persons with no active duty time before January 1, 1977. Funding is provided through participants' contributions while on active duty and through transfers from the U.S. Department of Defense (DOD). The U.S. Department of Veterans Affairs funds are not appropriated for this program, so these data represent obligations, which are funded through other agencies' appropriations.

[71] Public Law 98–525, enacted October 19, 1984 (New GI Bill), established two new peacetime educational programs: an assistance program for veterans who entered active duty during the period beginning July 1, 1985, to June 30, 1988, and an assistance program for certain members of the Selected Reserve.

[72] Chapter 30, also called the Montgomery Bill, and the new GI Bill are for eligible veterans who have agreed to have their military pay reduced $100 per month for their first 12 months of active duty. The "Readjustment Benefits" account under the U.S. Department of Veterans Affairs pays only the basic allowance, up to a maximum of $536 per month, for full-time training. "Supplemental Benefits" are paid by the U.S. Department of Defense (DOD).

[73] Chapter 106 is for members of the Selected Reserve. The reserve components include the Army, Navy, Air Force, Marine Corps Reserve, Army National Guard and Air National Guard under the U.S. Department of Defense (DOD), and the Coast Guard Reserve, which is under the U.S. Department of Transportation (DOT) when it is not operating as a service in the Navy. Eligible persons can receive up to $255 per month for full-time training. The DOD and DOT pay for this program, and the U.S. Department of Veterans Affairs administers it.

[74] Includes dependents of veterans under Chapter 35, the "Readjustment Benefits" education and training program. Provides education and training benefits to dependents of veterans who died of a service-connected disability or whose service-connected disability is rated permanent and total.

[75] Payments have been made to state education agencies for a number of years but were not listed separately until FY 88.

[76] The U.S.I.A. was called the "International Communication Agency" in FYs 80 and 81. This program was transferred from the U.S. Department of State to the International Communication Agency (I.C.A.) in 1977, which consolidated the functions of the U.S. Information Agency and the U.S. Department of State's Bureau of Educational and Cultural Affairs. In FY 82 the I.C.A. became the U.S.I.A. In FY 98 pursuant to the Foreign Affairs Reform and Restructuring Act of 1998, this program from the United States Information Agency was transferred to the U.S. Department of State and the newly created Broadcasting Board of Governors.

[77] This program was in the "Educational and Cultural Affairs" program in FYs 80–83, and became an independent program in FY 84.

[78] This program was combined with the "Educational and Cultural Affairs" program in FY 77.

[79] Public Law 99–661 established this program to operate the Foundation which awards scholarships and fellowships to outstanding graduate and undergraduate students who intend to pursue careers or advanced degrees in science or mathematics. It may also award honoraria to outstanding individuals who have made significant contributions to improve the instruction of science and mathematics in secondary schools.

[80] Appropriations for this program began in FY 76.

[81] Public Law 99–498 established this Institute as an independent non-profit corporation to provide Native Americans with an opportunity to obtain a postsecondary education in various fields of Indian art and culture.

[82] Public Laws 99–500 and 99–591 established the James Madison Memorial Fellowship Foundation to operate a fellowship program to encourage graduate study of the American Constitution. First year of appropriations was FY 88.

[83] This program was transferred to the Institute of Museum and Library Services in fiscal year 1997. Program was formerly in the U.S. Department of Education.

[84] This program was transferred to the U.S. Department of Transportation in FY 68 from the U.S. Department of Housing and Urban Development.

[85] This program was established by the Juvenile Justice and Delinquency Prevention Act of 1974 to provide education and training and to provide leadership in improving correctional programs and practices in prisons. This program was transferred in 1997 to the Federal Prison System, Salaries and Expenses, budget in the Contract Confinement program.

[86] Appropriations for this program began in FY 70.

[87] The Federal Aviation Administration, an independent agency, was transferred to the U.S. Department of Transportation in FY 67.

[88] Appropriations began in FY 72.

[89] First year of appropriations was FY 70.

[90] The National Service Trust Act of 1993 established the Corporation for National and Community Service. In 1993, ACTION became part of this agency.

[91] These programs included the Service Learning programs, University Year for ACTION, Volunteers in Service to America, Youth Challenge program, and the National Student Volunteer program in FY 1975. In FY 80, programs included were the University Year for ACTION, Young Volunteers for ACTION, and National Service Learning programs. In fiscal year 1985, the program included was the Service Learning programs, and in FYs 89 to 94, programs included were the Literacy Corps and the Student Community Services program. In FYs 94 through 98 the AmeriCorps program was included. This program provides education grants to help pay for college or to repay student loans for people who perform community service before, during or after postsecondary education.

[92] The Federal Emergency Management Agency was created in 1979, representing a combination of five existing agencies. The two largest were the Defense Civil Preparedness Agency in the U.S. Department of Defense and the Federal Preparedness Agency in the General Services Administration. The funds for the Federal Emergency Management Agency in FY 70 to FY 75 were in the other agencies.

[93] First year of appropriations was FY 68.

[94] First appropriations for the "other training programs" were in the late 1960s. These programs include the Fall-Out Shelter Analysis, Blast Protection Design through 1992. Starting in FY 1993, earthquake training and safety for teachers and administrators for grades 1 through 12 are included.

[95] The disaster relief program repairs and replaces damaged and destroyed school buildings. In FY 94 and FY 95 funds were for repairs due to the Northridge Earthquake in California. In FY 94, $37.2 million was spent on school districts; $4.2 million was spent on community colleges and $43.8 million spent on universities. In FY 95, $74.4 million was spent on school districts; $8.4 million on community colleges and $87.6 million on colleges and universities.

[96] This program was transferred from the General Services Administration to the National Archives and Records Administration in April 1985.

[97] This program makes grants for the promotion of scholarly, cultural, and artistic exchanges between Japan and the United States. Appropriations began in FY 76.

[98] The National Archives and Records Administration became an independent agency in April 1985.

[99] This program was established by the act of July 20, 1970, Public Law 91–345.

[100] This program was established by Congress to conduct and support research and scholarships in the fields of peace, arms control, and conflict resolution.

[101] Includes federal obligations for research and development centers administered by colleges and universities. FY 2000 and FY 2001 are estimated.

[102] Total outlays for FYs 65 and 70 include the "Research and Training" program. FY 75 includes the "National Institute of Education" program. FYs 80 to FY 2001 include outlays for the Office of Educational Research and Improvement.

NOTE: Some data have been revised from previously published figures. To the extent possible, amounts reported represent outlays rather than obligations. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, compiled from data appearing in U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix* fiscal years 1967 to 2002; National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1965 to 2001; and unpublished data obtained from various federal agencies. (This table was prepared April 2001.)

Table 365.—Estimated federal support for education, by agency and type of ultimate recipient: Fiscal year 2001

[In millions of dollars]

Agency	Total	Local education agencies	State education agencies	College students	Institutions of higher education	Federal	Multiple types of recipients	Other[1]
1	2	3	4	5	6	7	8	9
Total[2]	**$128,149.7**	**$28,184.7**	**$7,309.5**	**$25,082.9**	**$41,866.2**	**$3,821.6**	**$14,783.7**	**$7,100.9**
Total program funds - on-budget	**$92,774.5**	**$28,184.7**	**$6,259.0**	**$10,190.5**	**$29,735.4**	**$3,821.6**	**$14,783.7**	**–$200.6**
Department of Education	36,754.1	17,635.0	4,919.4	6,187.3	6,104.1	614.3	2,332.8	–1,039.1
Department of Agriculture	11,029.5	9,564.5	477.1	—	534.2	20.4	—	433.4
Department of Commerce	130.5	—	—	—	130.5	—	—	—
Department of Defense	4,476.2	218.4	—	368.1	2,066.6	1,507.7	315.3	—
Department of Energy	3,535.2	—	—	—	3,535.2	—	—	—
Department of Health and Human Services	19,467.4	584.2	—	1,236.4	11,572.1	246.0	5,828.7	—
Department of Housing and Urban Development	1.1	—	—	—	1.1	—	—	—
Department of the Interior	1,095.1	27.5	4.4	30.2	191.7	488.4	352.9	—
Department of Justice	286.8	—	—	—	18.0	268.8	—	—
Department of Labor	5,633.6	—	844.2	—	5.6	—	4,783.8	—
Department of State	394.3	—	—	—	—	73.3	321.0	—
Department of Transportation	139.0	—	—	4.0	64.1	62.2	0.7	8.0
Department of the Treasury	92.0	—	—	—	—	92.0	—	—
Department of Veterans Affairs	2,106.0	—	14.0	2,092.0	—	—	—	—
Other agencies and programs								
Agency for International Development	409.7	—	—	—	13.7	—	—	396.0
Appalachian Regional Commission	7.3	—	—	—	2.3	—	5.0	—
Barry Goldwater Scholarship and Excellence in Education Foundation	3.0	—	—	—	—	—	3.0	—
Corporation for National and Community Service	498.0	—	—	—	—	—	498.0	—
Environmental Protection Agency	151.6	—	—	—	151.6	—	—	—
Estimated education share of federal aid to the District of Columbia	158.1	144.6	—	—	12.5	—	1.0	—
Federal Emergency Management Agency	12.5	10.5	—	—	—	—	2.0	—
General Services Administration	—	—	—	—	—	—	—	—
Harry S Truman scholarship fund	3.0	—	—	—	—	—	3.0	—
Institute of American Indian and Alaskan Native Culture and Arts Development	4.0	—	—	—	—	—	4.0	—
Institute of Library and Museum Services	165.0	—	—	—	—	—	165.0	—
James Madison Memorial Fellowship Foundation	2.0	—	—	—	—	—	2.0	—
Japanese-United States Friendship Commission	3.0	—	—	—	—	—	3.0	—
Library of Congress	305.0	—	—	—	—	305.0	—	—
National Aeronautics and Space Administration	2,097.9	—	—	—	2,091.7	—	6.2	—
National Archives and Records Administration	142.7	—	—	—	—	142.7	—	—
National Commission on Libraries and Information Science	1.0	—	—	—	—	—	—	1.0
National Endowment for the Arts	10.1	—	—	—	—	—	10.1	—
National Endowment for the Humanities	100.3	—	—	—	—	—	100.3	—
National Science Foundation	3,495.5	—	—	272.5	3,223.0	—	—	—
Nuclear Regulatory Commission	10.8	—	—	—	10.8	—	—	—
Smithsonian Institution	31.8	—	—	—	—	0.8	31.0	—
U.S. Arms Control and Disarmament Agency	—	—	—	—	—	—	—	—
U.S. Information Agency[3]	—	—	—	—	—	—	—	—
U.S. Institute of Peace	15.0	—	—	—	—	—	15.0	—
Other agencies	6.5	—	—	—	6.5	—	—	—
Off-budget support and nonfederal funds generated by federal legislation	35,375.2	—	1,050.5	14,892.4	12,130.8	—	—	7,301.5

—Not available or applicable.

[1] Other recipients include Indian tribes, private nonprofit agencies, and banks.

[2] Includes on-budget support, off-budget support, and nonfederal funds generated by federal legislation. Excludes federal tax expenditures.

[3] This agency's education funds were transferred to the U.S. Department of State.

NOTE: Outlays by type of recipient are estimated based on obligation data. Negative amounts occur when program receipts exceed outlays. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, Office of the Under Secretary, unpublished tabulations; U.S. Office of Management and Budget, *Budget of the U.S. Government, Fiscal Year 2002;* National Science Foundation, *Federal Funds for Research and Development, Fiscal Years 1999, 2000, and 2001;* and unpublished data obtained from various federal agencies. (This table was prepared April 2001.)

Table 366.—Federal on-budget funds obligated for programs administered by the U.S. Department of Education: Fiscal years 1980 to 2001

[In thousands of dollars]

Program	In current dollars								
	1980	1985	1990	1995	1997	1998	1999	2000[2]	2001[3]
1	2	3	4	5	6	7	8	9	10
Total	$14,102,165	$18,818,201	$25,214,923	$31,453,000	$35,830,000	$35,663,000	$33,506,000	$40,048,000	$48,360,000
Elementary and secondary education	4,239,022	4,732,864	7,169,693	9,124,000	10,387,000	11,009,000	8,578,000	12,582,000	16,371,000
Grants for the disadvantaged	3,204,664	3,745,855	5,383,960	7,200,000	7,831,000	7,801,000	3,723,000	8,680,000	9,020,000
School improvement programs	788,918	748,000	1,524,001	1,343,000	1,428,000	1,538,000	3,085,000	1,628,000	4,928,000
Bilingual education	169,540	171,605	188,152	206,000	261,000	354,000	379,000	406,000	460,000
Indian education	75,900	67,404	73,580	81,000	61,000	63,000	66,000	77,000	116,000
Education Reform - Goals 2000	—	—	—	294,000	806,000	1,253,000	1,325,000	1,791,000	1,847,000
School assistance in federally affected areas	812,873	695,746	815,573	783,000	737,000	843,000	912,000	910,000	1,001,000
Maintenance and operations	690,000	665,000	717,354	715,000	680,000	738,000	782,000	825,000	983,000
Construction	110,873	23,037	22,929	2,000	12,000	16,000	24,000	11,000	13,000
Disaster assistance	12,000	7,709	75,290	66,000	45,000	89,000	106,000	74,000	5,000
Education for the handicapped	1,555,253	2,666,056	3,480,122	5,767,000	6,552,000	7,489,000	7,993,000	4,872,000	9,177,000
State grant programs	815,805	1,245,219	1,258,871	2,467,000	3,066,000	3,841,000	4,346,000	1,204,000	5,198,000
Early childhood education[4]	38,745	27,625	280,341	661,000	723,000	798,000	747,000	711,000	894,000
Special centers, projects, and research	55,075	53,430	72,966	132,000	124,000	123,000	129,000	130,000	157,000
Captioned films and media services	17,778	35,670	15,191	19,000	46,000	52,000	35,000	36,000	39,000
Personnel training	55,375	68,025	70,838	91,000	81,000	81,000	81,000	82,000	81,000
Handicapped rehabilitation service and research	572,475	1,236,087	1,781,915	2,397,000	2,512,000	2,594,000	2,655,000	2,709,000	2,808,000
Vocational education and adult programs	1,153,743	856,271	1,138,674	1,461,000	1,484,000	1,506,000	1,524,000	866,000	1,819,000
Basic programs[5]	744,653	725,624	858,716	1,004,000	1,015,000	1,027,000	1,023,000	284,000	1,132,000
Consumer and homemaking	63,169	33,138	34,517	1,000	—	—	—	—	—
Program improvement and supportive services	162,512	5,202	—	—	100,000	106,000	105,000	103,000	106,000
State planning and advisory councils	13,423	7,584	7,923	9,000	—	—	—	—	—
Adult education, grants to states	153,724	84,723	188,280	299,000	354,000	360,000	379,000	463,000	558,000
Other[6]	16,262	—	49,238	148,000	15,000	13,000	17,000	16,000	23,000
Postsecondary student financial assistance	5,108,534	8,534,205	11,112,068	11,976,000	14,416,000	12,635,000	11,685,000	17,918,000	16,512,000
Educational opportunity grants[7]	2,534,378	3,558,440	4,919,264	6,484,000	8,158,000	7,327,000	6,688,000	11,406,000	9,406,000
Work-study	596,065	599,467	615,269	620,000	825,000	838,000	876,000	944,000	1,014,000
Perkins loan program	322,749	219,850	157,415	187,000	162,000	169,000	132,000	134,000	160,000
Federal Family Education Loan program[8]	1,597,877	4,130,920	5,341,039	3,481,000	4,278,000	3,320,000	3,379,000	4,587,000	3,900,000
Other student assistance programs[9]	57,465	25,528	79,081	1,204,000	973,000	981,000	610,000	847,000	2,032,000
Direct aid to postsecondary institutions	277,068	329,714	341,634	780,000	887,000	946,000	1,304,000	1,418,000	1,822,000
Aid to minority and developing institutions	114,680	140,374	99,812	231,000	321,000	326,000	407,000	459,000	655,000
Special programs for the disadvantaged	147,389	174,940	241,822	549,000	566,000	620,000	897,000	959,000	1,167,000
Cooperative education	14,999	14,400	—	—	—	—	—	—	—
Postsecondary facilities	268,493	194,556	84,305	46,000	24,000	26,000	24,000	22,000	17,000
Construction loans and insurance	35,362	33,188	30,000	15,000	1,000	1,000	2,000	2,000	3,000
Interest subsidy grants	24,626	24,968	38,741	21,000	—	—	—	—	—
College housing loans	208,505	136,400	15,564	10,000	23,000	25,000	22,000	20,000	14,000
Other postsecondary education programs	34,927	74,340	188,999	120,000	—	—	—	—	—
International education and foreign languages[10]	19,977	32,050	86,337	—	—	—	—	—	—
Funds for Improvement of Postsecondary Education[11]	12,000	12,710	99,450	116,000	(12)	(12)	(12)	(12)	(12)
Other	2,950	29,580	3,212	4,000	—	—	—	—	—
Public library services	101,218	116,027	132,583	150,000	(13)	(13)	(13)	(13)	(13)
Public library services	66,451	75,000	82,505	83,000	(13)	(13)	(13)	(13)	(13)
Interlibrary cooperation	—	18,000	19,551	24,000	(13)	(13)	(13)	(13)	(13)
Public library construction	—	16,027	14,837	24,000	(13)	(13)	(13)	(13)	(13)
Research libraries	5,992	6,000	6,593	—	(13)	(13)	(13)	(13)	(13)
Other	28,775	1,000	9,097	19,000	(13)	(13)	(13)	(13)	(13)
Payments to special institutions	273,860	253,622	292,736	340,000	324,000	343,000	349,000	367,000	386,000
American Printing House for the Blind	4,349	5,500	5,663	7,000	7,000	8,000	9,000	10,000	12,000
National Technical Institute for the Deaf	19,799	31,400	35,594	43,000	43,000	44,000	46,000	48,000	53,000
Gallaudet College	49,409	59,092	67,643	80,000	79,000	81,000	83,000	86,000	89,000
Howard University	200,303	157,630	183,836	210,000	195,000	210,000	211,000	223,000	232,000
Departmental accounts	277,174	364,800	458,536	906,000	1,019,000	866,000	1,137,000	1,093,000	1,255,000
Educational research and improvement	51,415	60,556	87,074	327,000	598,000	425,000	675,000	595,000	730,000
Departmental management account	223,857	300,885	370,844	579,000	416,000	434,000	462,000	498,000	525,000
Other	1,875	3,349	—	—	5,000	7,000	—	—	—
Trust funds	27	10	618	—	—	—	—	—	—

Table 366.—Federal on-budget funds obligated for programs administered by the U.S. Department of Education: Fiscal years 1980 to 2001—Continued

[In thousands of dollars]

Program	In constant 2001 dollars[1]								
	1980	1985	1990	1995*	1997	1998	1999	2000[2]	2001[3]
1	11	12	13	14	15	16	17	18	19
Total	**$28,840,479**	**$28,696,849**	**$33,020,892**	**$35,612,394**	**$38,831,337**	**$38,164,275**	**$35,259,073**	**$41,099,450**	**$48,360,000**
Elementary and secondary education	8,669,266	7,217,389	9,389,268	10,330,572	11,257,078	11,781,132	9,026,811	12,912,337	16,371,000
Grants for the disadvantaged	6,553,890	5,712,248	7,050,712	8,152,139	8,486,972	8,348,134	3,917,792	8,907,891	9,020,000
School improvement programs	1,613,424	1,140,664	1,995,797	1,520,600	1,547,618	1,645,870	3,246,411	1,670,743	4,928,000
Bilingual education	346,728	261,689	246,400	233,242	282,863	378,828	398,830	416,659	460,000
Indian education	155,224	102,788	96,359	91,712	66,110	67,419	69,453	79,022	116,000
Education Reform - Goals 2000	—	—	—	332,879	873,515	1,340,881	1,394,326	1,838,022	1,847,000
School assistance in federally affected areas	1,662,415	1,060,979	1,068,056	886,545	798,736	902,125	959,717	933,892	1,001,000
Maintenance and operations	1,411,126	1,014,093	939,431	809,553	736,961	789,761	822,915	846,660	983,000
Construction	226,747	35,130	30,027	2,264	13,005	17,122	25,256	11,289	13,000
Disaster assistance	24,541	11,756	98,598	74,728	48,769	95,242	111,546	75,943	5,000
Education for the handicapped	3,180,663	4,065,607	4,557,489	6,529,637	7,100,835	8,014,252	8,411,203	4,999,913	9,177,000
State grant programs	1,668,411	1,898,899	1,648,589	2,793,240	3,322,827	4,110,394	4,573,388	1,235,611	5,198,000
Early childhood education[4]	79,238	42,127	367,128	748,412	783,563	853,969	786,084	729,667	894,000
Special centers, projects, and research	112,634	81,478	95,555	149,456	134,387	131,627	135,749	133,413	157,000
Captioned films and media services	36,358	54,395	19,894	21,513	49,853	55,647	36,831	36,945	39,000
Personnel training	113,248	103,735	92,768	103,034	87,785	86,681	85,238	84,153	81,000
Handicapped rehabilitation service and research	1,170,774	1,884,973	2,333,556	2,713,983	2,722,420	2,775,934	2,793,913	2,780,124	2,808,000
Vocational education and adult programs	2,359,531	1,305,772	1,491,182	1,654,205	1,608,309	1,611,625	1,603,737	888,737	1,819,000
Basic programs[5]	1,522,897	1,106,542	1,124,555	1,136,771	1,100,023	1,099,030	1,076,525	291,456	1,132,000
Consumer and homemaking	129,188	50,534	45,203	1,132	—	—	—	—	—
Program improvement and supportive services	332,355	7,933	—	—	108,377	113,434	110,494	105,704	106,000
State planning and advisory councils	27,452	11,565	10,376	10,190	—	—	—	—	—
Adult education, grants to states	314,382	129,198	246,567	338,540	383,653	385,249	398,830	475,156	558,000
Other[6]	33,258	—	64,481	167,572	16,256	13,912	17,889	16,420	23,000
Postsecondary student financial assistance	10,447,514	13,014,251	14,552,113	13,559,725	15,623,571	13,521,173	12,296,373	18,388,433	16,512,000
Educational opportunity grants[7]	5,183,082	5,426,449	6,442,157	7,341,454	8,841,363	7,840,889	7,037,924	11,705,462	9,406,000
Work-study	1,219,018	914,158	805,742	701,990	894,107	896,774	921,833	968,784	1,014,000
Perkins loan program	660,057	335,261	206,147	211,729	197,245	180,853	138,906	137,518	160,000
Federal Family Education Loan program[8]	3,267,834	6,299,454	6,994,504	3,941,333	4,636,351	3,552,853	3,555,793	4,707,431	3,900,000
Other student assistance programs[9]	117,522	38,929	103,563	1,363,219	1,054,504	1,049,804	641,916	869,238	2,032,000
Direct aid to postsecondary institutions	566,635	502,798	447,396	883,148	961,300	1,012,349	1,372,227	1,455,229	1,822,000
Aid to minority and developing institutions	234,533	214,064	130,712	261,548	347,889	348,864	428,295	471,051	655,000
Special programs for the disadvantaged	301,427	266,775	316,685	621,601	613,412	663,485	943,932	984,178	1,167,000
Cooperative education	30,675	21,959	—	—	—	—	—	—	—
Postsecondary facilities	549,098	296,689	110,404	52,083	26,010	27,824	25,256	22,578	17,000
Construction loans and insurance	72,319	50,610	39,287	16,984	1,084	1,070	2,105	2,053	3,000
Interest subsidy grants	50,363	38,075	50,734	23,777	—	—	—	—	—
College housing loans	426,416	208,003	20,382	11,322	24,927	26,753	23,151	20,525	14,000
Other postsecondary education programs	71,430	113,365	247,509	135,869	—	—	—	—	—
International education and foreign languages[10]	40,855	48,875	113,065	—	—	—	—	—	—
Funds for Improvement of Postsecondary Education[11]	24,541	19,382	130,237	131,340	(12)	(12)	(12)	(12)	(12)
Other	6,033	45,108	4,206	4,529	—	—	—	—	—
Public library services	207,002	176,936	173,628	169,836	(13)	(13)	(13)	(13)	(13)
Public library services	135,900	114,371	108,047	93,976	(13)	(13)	(13)	(13)	(13)
Interlibrary cooperation	—	27,449	25,604	27,174	(13)	(13)	(13)	(13)	(13)
Public library construction	—	24,440	19,430	27,174	(13)	(13)	(13)	(13)	(13)
Research libraries	12,254	9,150	8,634	—	(13)	(13)	(13)	(13)	(13)
Other	58,848	1,525	11,913	21,513	(13)	(13)	(13)	(13)	(13)
Payments to special institutions	560,074	386,761	383,360	384,962	351,140	367,057	367,260	376,635	386,000
American Printing House for the Blind	8,894	8,387	7,416	7,926	7,586	8,561	9,471	10,263	12,000
National Technical Institute for the Deaf	40,491	47,883	46,613	48,686	46,602	47,086	48,407	49,260	53,000
Gallaudet College	101,047	90,112	88,584	90,579	85,618	86,681	87,343	88,258	89,000
Howard University	409,642	240,378	240,747	237,771	211,334	224,729	222,040	228,855	232,000
Departmental accounts	566,851	556,302	600,488	1,025,811	1,104,358	926,738	1,196,489	1,121,696	1,255,000
Educational research and improvement	105,149	92,345	114,030	370,243	648,092	454,808	710,317	610,622	730,000
Departmental management account	457,812	458,835	485,649	655,568	450,847	464,439	486,172	511,075	525,000
Other	3,835	5,107	—	—	5,419	7,491	—	—	—
Trust funds	55	15	809	—	—	—	—	—	—

—Not available or applicable.

[1] Data adjusted by the federal funds composite deflator prepared by the U.S. Office of Management and Budget.

[2] Revised from previously published data.

[3] Estimated.

[4] Includes preschool incentive grants.

[5] Includes programs of national significance and special programs for the disadvantaged.

[6] Includes national programs for research, demonstrations, evaluation and technical assistance, literacy training for homeless adults, and some other small programs.

[7] Includes Pell Grants; Supplemental Education Opportunity Grants; Leveraging Educational Assistance Partnership Program, formerly the State Student Incentive Grants; and Income Contingent Loans.

[8] Formerly the Guaranteed Student Loan program.

[9] Includes Federal Direct Student Loan program starting in fiscal year 1994. Other programs include teacher quality enhancement and community scholarship mobilization.

[10] Starting in fiscal year 1994, this program is included under the program, "Funds for Improvement of Postsecondary Education."

[11] International education and foreign languages are included under this program starting in fiscal year 1994.

[12] This program is included under the "Special programs for the disadvantaged" program.

[13] This program was transferred to the Institute of Museum and Library Services in fiscal year 1997.

NOTE: Data presented in this tabulation are obligations, which differ from outlay figures reported in other tables in this chapter. Detail may not sum to totals due to rounding.

SOURCE: U.S. Office of Management and Budget, *Budget of the United States Government*, fiscal years 1982 to 2002. (This table was prepared May 2001.)

Table 367.—U.S. Department of Education outlays, by level of education and type of recipient: Fiscal years 1980 to 2001

[In millions of current dollars]

Year and area of education	Total	Local education agencies	State education agencies	College students	Postsecondary institutions	Federal	Multiple types of recipients	Other
1	2	3	4	5	6	7	8	9
1980 total	$13,137.8	$5,313.7	$1,103.2	$2,137.4	$2,267.2	$249.8	$693.8	$1,372.7
Elementary/secondary	6,629.1	5,309.4	662.2	34.2	22.0	62.5	513.4	25.5
Postsecondary education	5,682.2	—	99.5	2,103.2	2,166.5	—	—	1,313.0
Other programs	747.7	4.3	341.5	—	—	187.3	180.4	34.2
Education research and statistics	78.7	—	—	—	78.7	—	—	—
1984 total	15,534.7	5,256.5	1,879.0	2,193.4	2,167.4	330.2	516.7	3,191.4
Elementary/secondary	6,220.8	5,252.4	536.0	55.5	35.3	22.9	259.9	58.8
Postsecondary education	7,341.2	—	211.5	2,137.9	1,972.5	—	—	3,019.3
Other programs	1,813.1	4.1	1,131.5	—	—	307.3	256.8	113.3
Education research and statistics	159.6	—	—	—	159.6	—	—	—
1986 total	17,740.1	6,435.1	1,823.3	2,685.9	2,637.2	265.4	625.8	3,267.5
Elementary/secondary	7,552.0	6,432.1	558.5	68.3	45.2	2.2	372.0	73.8
Postsecondary education	8,444.9	—	215.6	2,617.6	2,523.0	—	—	3,088.7
Other programs	1,674.2	3.0	1,049.2	—	—	263.2	253.8	105.0
Education research and statistics	69.0	—	—	—	69.0	—	—	—
1988 total	18,326.9	6,614.8	2,234.6	3,103.4	2,519.5	319.4	838.8	2,696.3
Elementary/secondary	8,098.4	6,606.3	717.9	66.2	39.5	23.8	616.7	28.0
Postsecondary education	8,247.1	—	184.6	3,037.2	2,437.6	—	—	2,587.7
Other programs	1,939.0	8.5	1,332.1	—	—	295.6	222.1	80.6
Education research and statistics	42.4	—	—	—	42.4	—	—	—
1990 total	23,198.6	8,000.7	2,490.3	3,859.6	3,649.8	441.4	912.2	3,844.4
Elementary/secondary	9,681.3	7,995.0	700.3	80.5	85.4	113.1	650.7	56.3
Postsecondary education	11,176.0	—	261.6	3,779.1	3,475.0	—	—	3,660.4
Other programs	2,251.8	5.7	1,528.5	—	—	328.3	261.5	127.8
Education research and statistics	89.5	—	—	—	89.5	—	—	—
1996 total	29,977.8	11,077.8	3,669.6	5,129.8	5,053.4	562.1	1,682.3	2,802.9
Elementary/secondary	14,323.8	11,073.1	1,650.7	161.1	141.5	59.2	1,201.4	36.8
Postsecondary education	12,257.6	—	90.7	4,968.7	4,601.0	—	—	2,597.2
Other programs	3,085.6	4.7	1,928.2	—	—	502.9	480.9	168.9
Education research and statistics	310.9	—	—	—	310.9	—	—	—
1998 total	31,559.0	12,094.5	3,978.2	5,362.0	5,910.2	465.8	1,769.0	1,979.3
Elementary/secondary	16,001.8	12,086.7	1,920.5	265.5	162.4	52.7	1,454.7	59.3
Postsecondary education	12,122.3	—	57.8	5,096.5	5,206.6	—	—	1,761.4
Other programs	2,893.7	7.8	1,999.9	—	—	413.1	314.3	158.6
Education research and statistics	541.2	—	—	—	541.2	—	—	—
1999 total	34,344.1	13,145.3	4,156.3	6,076.1	6,474.8	502.0	1,750.4	2,239.1
Elementary/secondary	17,026.7	13,137.6	1,901.5	285.6	175.2	62.1	1,395.2	69.4
Postsecondary education	13,715.6	—	79.5	5,790.5	5,821.1	—	—	2,024.5
Other programs	3,123.3	7.7	2,175.2	—	—	439.9	355.2	145.2
Education research and statistics	478.5	—	—	—	478.5	—	—	—
2000 total	34,106.7	16,016.0	4,316.5	4,711.7	5,005.7	506.6	1,820.2	1,730.1
Elementary/secondary	20,039.6	16,003.5	1,989.6	260.5	198.9	48.5	1,461.8	76.8
Postsecondary education	10,727.3	—	55.2	4,451.2	4,690.3	—	—	1,530.6
Other programs	3,223.4	12.5	2,271.7	—	—	458.1	358.4	122.7
Education research and statistics	116.5	—	—	—	116.5	—	—	—
2001 total	36,754.1	17,635.0	4,919.4	6,187.3	6,104.1	614.3	2,332.8	–1,039.1
Elementary/secondary	22,931.4	17,619.8	2,523.8	380.5	280.2	58.5	1,969.5	99.0
Postsecondary education	10,026.8	—	51.0	5,806.8	5,458.5	—	—	–1,289.5
Other programs	3,430.4	15.2	2,344.6	—	—	555.8	363.3	151.4
Education research and statistics	365.4	—	—	—	365.4	—	—	—

—Not available or applicable.

NOTE: Negative amounts occur when program receipts exceed outlays. Other recipients include American Indian tribes, private nonprofit agencies, and banks. Outlays by type of recipient are estimated based on obligation data. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government*, Fiscal Years 1982 to 2002, and *Catalog of Federal Domestic Assistance;* National Science Foundation, *Federal Funds for Research and Development*, Fiscal Years 1980 to 2001; and unpublished data obtained from various federal agencies. (This table was prepared April 2001.)

Table 368.—U.S. Department of Education appropriations for major programs, by state or other area: Fiscal year 2000

[In thousands]

State or other area	Total	Grants for the disadvantaged[1]	Block grants to states for school improvement[2]	School assistance in federally affected areas[3]	Vocational and adult education[4]	Education for the handicapped[5]	Bilingual education[6]	Indian education	Higher and continuing education[7]	Student financial assistance[8]	Rehabilitation services[9]	Goals 2000[10]
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	**$33,317,494**	**$8,720,086**	**$2,468,800**	**$797,252**	**$1,625,650**	**$5,754,685**	**$400,336**	**$62,000**	**$1,496,901**	**$8,668,857**	**$2,439,927**	**$883,000**
Alabama	560,928	140,529	38,444	2,279	30,179	90,546	823	1,056	50,167	142,453	50,507	13,944
Alaska	183,006	27,461	11,809	86,997	5,292	17,491	1,832	6,772	6,203	6,350	8,803	3,995
Arizona	642,204	137,811	38,390	123,391	27,336	84,540	16,387	7,388	15,228	137,900	40,416	13,416
Arkansas	309,420	88,797	23,384	483	18,129	55,705	418	136	18,049	65,031	30,680	8,608
California	3,817,718	1,146,489	278,400	44,807	181,684	591,409	107,368	4,395	110,155	1,013,210	235,975	103,827
Colorado	369,229	82,336	28,706	6,011	19,136	71,288	9,205	483	16,938	96,151	29,870	9,105
Connecticut	294,560	78,685	24,401	6,263	14,747	69,624	4,234	16	9,320	60,613	18,291	8,367
Delaware	89,081	23,304	11,809	24	5,923	16,286	160	0	4,774	14,136	8,845	3,821
District of Columbia	406,171	28,293	11,810	774	6,008	8,708	3,480	0	295,124	36,053	11,941	3,978
Florida	1,602,261	411,790	111,473	7,796	81,062	310,874	29,208	51	36,922	454,756	117,857	40,473
Georgia	793,071	232,414	63,820	6,707	46,044	147,275	3,884	0	43,970	156,986	68,948	23,023
Hawaii	141,887	22,768	11,809	29,818	7,556	19,472	2,329	0	13,012	21,365	9,882	3,856
Idaho	137,379	29,651	11,809	4,872	8,529	26,409	2,392	256	4,095	32,011	13,332	4,023
Illinois	1,251,873	351,095	103,257	9,658	63,185	257,164	16,983	56	46,238	278,992	88,493	36,752
Indiana	614,929	128,995	43,285	98	35,603	132,528	556	8	20,421	181,781	57,284	14,371
Iowa	294,331	58,323	20,389	142	17,035	63,504	2,055	133	15,107	82,905	28,074	6,665
Kansas	290,373	71,403	20,410	11,188	15,185	54,665	3,621	401	16,164	66,335	23,990	7,012
Kentucky	473,509	146,282	37,741	288	28,284	85,232	848	0	20,906	94,553	45,481	13,894
Louisiana	620,131	206,779	54,055	4,831	32,660	89,743	1,829	532	32,482	136,519	40,864	19,838
Maine	160,957	38,495	11,821	2,005	7,632	29,529	1,880	72	7,192	43,747	14,352	4,232
Maryland	449,923	111,558	37,613	5,215	24,475	101,790	2,611	137	25,967	92,118	36,015	12,424
Massachusetts	731,823	166,944	47,038	996	27,763	147,718	9,978	99	25,716	244,424	44,317	16,830
Michigan	1,072,981	365,274	98,019	2,073	55,435	193,507	4,625	2,484	27,613	203,475	85,039	35,437
Minnesota	489,513	96,754	35,744	7,833	24,194	99,098	3,355	2,427	18,834	150,104	39,857	11,315
Mississippi	450,504	133,656	34,936	2,724	20,933	58,086	250	226	24,249	125,964	36,741	12,736
Missouri	605,672	146,046	43,550	8,959	33,087	116,832	1,679	20	20,055	167,146	53,047	15,252
Montana	161,892	29,030	11,809	34,772	6,783	18,292	4,903	2,137	11,012	28,545	10,578	4,029
Nebraska	183,278	39,439	12,530	10,503	9,747	38,714	2,498	465	7,437	41,139	16,182	4,622
Nevada	124,192	25,655	12,361	3,427	8,517	31,979	1,723	519	2,779	21,157	12,005	4,072
New Hampshire	114,716	21,716	11,809	6	7,281	25,219	600	0	3,028	31,266	9,999	3,791
New Jersey	742,337	192,633	58,911	12,010	37,677	187,560	7,938	55	16,762	160,034	48,564	20,194
New Mexico	339,892	71,822	18,918	68,844	11,842	46,939	11,017	4,976	14,408	64,179	20,004	6,942
New York	2,742,061	788,665	196,075	10,401	91,096	399,007	49,571	1,106	58,737	947,674	126,578	73,151
North Carolina	740,448	167,593	53,930	7,991	45,672	154,116	2,770	2,158	47,310	167,267	73,908	17,734
North Dakota	120,139	21,724	11,809	17,868	5,716	13,363	1,994	1,005	5,862	28,163	8,829	3,804
Ohio	1,253,437	325,709	94,757	1,315	65,537	213,123	1,471	0	30,856	380,623	106,084	33,961
Oklahoma	449,009	104,671	28,622	21,442	22,984	72,632	10,785	12,702	30,425	97,273	37,007	10,465
Oregon	337,792	86,601	24,523	2,260	18,082	64,268	5,236	1,524	8,783	88,913	29,030	8,572
Pennsylvania	1,303,844	367,086	102,298	1,019	65,572	210,747	3,320	0	33,396	375,100	108,253	37,054
Rhode Island	136,848	27,035	11,809	2,207	7,814	23,624	1,828	0	4,311	44,520	9,687	4,012
South Carolina	460,646	108,708	30,640	2,802	26,310	90,283	631	40	30,165	117,282	42,762	11,026
South Dakota	179,554	22,458	11,809	26,434	5,833	16,064	2,313	1,898	3,665	76,241	8,983	3,855
Tennessee	559,590	143,936	42,120	1,225	34,579	115,548	1,199	0	27,215	123,339	55,474	14,955
Texas	2,487,610	761,842	196,647	34,588	123,329	447,709	34,834	166	86,574	556,314	173,698	71,910
Utah	246,698	39,773	16,940	6,058	15,240	52,370	3,812	690	7,734	76,778	22,023	5,279
Vermont	103,645	20,118	11,809	3	5,497	13,033	325	90	5,769	34,348	8,850	3,802
Virginia	931,946	128,079	45,696	26,640	37,012	139,696	3,616	16	32,543	449,013	55,079	14,557
Washington	566,031	131,009	42,116	31,333	28,432	107,819	6,692	3,146	25,216	134,306	42,063	13,898
West Virginia	247,791	78,314	20,273	10	13,445	40,267	152	0	16,066	47,984	23,846	7,435
Wisconsin	560,242	135,901	42,422	9,021	30,337	108,416	3,076	1,852	27,379	137,714	49,350	14,773
Wyoming	88,031	19,715	11,809	7,819	5,236	13,737	761	287	3,798	13,403	7,708	3,759
Indian Tribe (Set-Aside)	172,002	54,926	9,632	0	13,196	65,803	0	0	0	0	23,445	5,000
Other	146,244	26,450	2,529	79,788	12,011	20,243	460	19	0	0	969	3,775
Outlying areas												
American Samoa	15,927	5,757	1,923	0	388	5,546	177	0	259	33	1,098	746
Guam	31,826	5,277	4,476	0	792	13,281	995	0	1,283	2,694	2,281	746
Marshall Islands	908	0	0	0	81	0	211	0	449	33	0	134
Micronesia	7,463	0	0	0	81	0	587	0	1,675	4,724	0	395
Northern Mariana Islands	11,059	3,064	1,095	0	538	3,449	341	0	1,025	72	1,074	402
Palau	803	0	0	0	81	0	488	0	0	234	0	0
Puerto Rico	864,794	283,611	69,083	1,056	30,946	52,966	1,689	0	24,407	311,911	63,525	25,600
Virgin Islands	31,365	9,814	3,694	179	872	9,848	338	0	1,672	1,503	2,088	1,357

[1] Title I, formerly called Chapter 1, Education Consolidation and Improvement Act of 1981, includes Grants to Local Education Agencies, Title 1 Accountability grants, Migrant Education—Basic State Grants, Program for Neglected and Delinquent Children, Capital Expenses for Private School Children, Demonstrations of Comprehensive School Reform, and Even Start—State Educational Agencies.

[2] Title VI, formerly called Chapter 2, Education Consolidation and Improvement Act of 1981, includes Eisenhower Professional Development Grants, Safe and Drug-Free Schools and Communities—State Grants, Education for Homeless Children and Youth, Class Size Reduction, School Renovation, and Innovative Education Program Strategies.

[3] Impact Aid—Basic Support Payments and Impact Aid—Payments for Children with Disabilities.

[4] Includes Vocational Education State Grants, State Grants for Incarcerated Youth Offenders, English Literacy and Civics Education State Grants, Tech-Prep Education, and Adult Education State Grant Program.

[5] Includes Special Education—Grants to States, Preschool Grants, and Grants for Infants and Families with Disabilities.

[6] Includes Immigrant Education Grants, Foreign Language Assistance Grants, and Bilingual Education State Grants.

[7] Includes Institutional Aid to Strengthen Higher Education Institutions serving significant numbers of low-income students, Other Special Programs for the Disadvantaged, Cooperative Education, Fund for the Improvement of Postsecondary Education, Fellowships and Scholarships, and annual interest subsidy grants for facilities construction.

[8] Includes Pell Grants, Leveraging Educational Assistance Partnership, formerly the State Student Incentive Grants, Federal Supplemental Educational Opportunity Grants, Federal Work-Study, and Federal Perkins Loans-Capital Contributions, and Guaranteed Student Loan interest subsidies.

[9] Includes Rehabilitation Services—Vocational Rehabilitation Grants to States, Supported Employment State Grants, Client Assistance State Grants, and Independent Living State Grants, Services for Older Blind Individuals, Protection and Advocacy for Assistive Technology, and Protection and Advocacy of Individual Rights.

[10] Includes State and Local Education Systemic Improvement Grants and Technology Literacy Challenge Fund Grants.

NOTE: Data reflect revisions to figures in the *Budget of the United States Government*, Fiscal Year 2002. To the extent possible, data represent appropriations rather than outlays. Because of the exclusion of certain programs, totals in this table are lower than those reported in other tables. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, based on unpublished tabulations from the Office of Management and Budget; and U.S. Department of Commerce, Bureau of the Census, *Federal Expenditures by State for Fiscal Year 2000*. (This table was prepared July 2001.)

Table 369.—Appropriations for Title I and Title VI, Elementary and Secondary Education Act (ESEA) of 1994, by state or other area and type of appropriation: 1999–2000 and 2000–01

[In thousands]

State or other area	Title I total, school year 1999–2000[1]	Title I,[2] school year 2000–01[3]							Title VI[4]	
		Total	Local education grants			Neglected and delinquent children	Migrant children	Other[5]	1999 appropriations for 1999–2000	2000 appropriations for 2000–01
			Total[6]	Basic grants	Concentration grants					
1	2	3	4	5	6	7	8	9	10	11
Total[7]	$8,289,582	$8,500,086	$7,807,397	$6,578,695	$1,146,813	$42,000	$354,689	$296,000	$375,000	$365,750
Alabama	133,972	137,037	129,133	108,479	20,655	506	2,921	4,477	5,520	5,266
Alaska	27,672	26,916	19,089	16,079	3,011	170	6,628	1,029	1,862	1,816
Arizona	130,818	134,330	121,897	101,967	19,930	1,715	6,343	4,375	6,408	6,443
Arkansas	85,004	86,627	79,071	67,442	11,629	274	4,485	2,797	3,443	3,278
California	1,065,523	1,119,928	972,870	833,272	139,598	3,522	107,211	36,325	44,575	43,634
Colorado	78,218	80,052	71,304	60,668	10,636	315	6,052	2,381	5,258	5,280
Connecticut	74,468	76,604	70,351	59,917	10,434	883	2,804	2,566	4,078	4,144
Delaware	22,269	22,764	21,268	16,447	4,822	109	319	1,066	1,862	1,816
District of Columbia	26,910	27,684	25,547	21,837	3,710	356	443	1,338	1,862	1,816
Florida	391,594	401,481	363,366	309,157	54,209	1,266	23,565	13,284	17,857	17,779
Georgia	218,637	226,462	210,268	180,821	29,447	2,337	6,253	7,604	10,131	10,030
Hawaii	21,021	22,149	20,158	17,291	2,867	102	834	1,055	1,862	1,816
Idaho	28,500	28,904	23,516	19,861	3,655	108	4,164	1,115	1,862	1,816
Illinois	337,019	341,790	326,711	278,814	47,897	1,747	1,621	11,712	16,090	15,647
Indiana	122,821	125,342	116,422	101,953	14,469	750	4,051	4,120	7,726	7,575
Iowa	55,659	56,614	53,287	47,051	6,236	343	1,121	1,862	3,838	3,647
Kansas	67,096	69,683	56,306	48,828	7,478	359	10,995	2,023	3,604	3,495
Kentucky	141,131	142,853	127,790	108,142	19,649	646	9,934	4,484	4,992	4,798
Louisiana	198,517	201,813	191,236	161,738	29,498	909	2,842	6,826	6,216	5,949
Maine	36,798	37,596	31,963	27,453	4,511	133	4,238	1,262	1,862	1,816
Maryland	105,879	108,414	102,604	87,769	14,834	1,678	472	3,660	6,531	6,538
Massachusetts	159,039	162,717	153,374	126,656	26,718	935	2,703	5,706	7,456	7,311
Michigan	351,442	356,370	334,366	278,187	56,179	732	9,612	11,660	13,123	12,948
Minnesota	92,688	93,893	87,986	76,903	11,083	224	2,538	3,145	6,625	6,454
Mississippi	128,450	130,421	124,796	106,154	18,642	316	1,005	4,304	3,907	3,739
Missouri	138,513	142,176	134,785	114,383	20,403	866	1,581	4,944	7,367	7,040
Montana	27,542	28,302	26,320	22,393	3,927	62	744	1,176	1,862	1,816
Nebraska	37,699	38,392	32,207	28,851	3,356	224	4,621	1,340	2,342	2,235
Nevada	23,883	24,814	23,322	20,455	2,867	154	232	1,107	2,217	2,367
New Hampshire	20,503	21,100	19,698	15,856	3,842	256	100	1,047	1,862	1,816
New Jersey	182,896	187,507	177,216	148,612	28,604	2,245	1,589	6,456	10,135	9,916
New Mexico	68,112	70,054	66,240	56,467	9,773	297	1,070	2,447	2,590	2,474
New York	751,931	769,871	731,360	621,037	110,323	2,574	7,977	27,959	23,004	21,917
North Carolina	155,311	163,038	150,973	131,039	19,934	948	5,690	5,427	9,598	9,555
North Dakota	20,736	21,194	19,821	16,447	3,374	44	263	1,067	1,862	1,816
Ohio	312,305	317,133	302,372	257,785	44,587	2,239	2,034	10,488	14,810	14,290
Oklahoma	99,005	101,976	96,338	82,527	13,811	208	2,014	3,417	4,622	4,411
Oregon	83,282	84,506	68,819	59,765	9,054	1,230	12,070	2,388	4,237	4,129
Pennsylvania	352,608	357,840	335,858	283,187	52,671	679	8,470	12,833	15,064	14,538
Rhode Island	25,943	26,323	24,654	21,229	3,425	345	108	1,215	1,862	1,816
South Carolina	101,870	105,883	100,734	86,321	14,413	1,089	459	3,601	4,972	4,771
South Dakota	21,417	21,892	19,734	16,677	3,057	253	846	1,058	1,862	1,816
Tennessee	137,269	140,149	134,693	112,564	22,129	520	365	4,570	6,822	6,616
Texas	727,313	743,579	665,787	567,427	98,360	2,764	50,946	24,082	28,121	27,710
Utah	38,152	38,550	35,293	29,501	5,792	461	1,479	1,317	3,489	3,375
Vermont	19,294	19,630	17,739	15,146	2,593	193	678	1,021	1,862	1,816
Virginia	119,224	124,366	118,413	102,850	15,563	1,055	656	4,241	8,445	8,247
Washington	125,513	127,592	108,940	93,186	15,753	733	14,218	3,702	7,571	7,447
West Virginia	75,111	76,445	73,480	61,854	11,626	307	124	2,535	2,184	2,056
Wisconsin	129,977	132,030	125,862	113,863	11,999	1,032	630	4,506	7,165	6,904
Wyoming	18,553	19,251	17,754	14,887	2,867	317	167	1,013	1,862	1,816
Other activities										
Bureau of Indian Affairs	50,205	51,343	51,343	0	0	0	0	0	0	0
Migrant coordination activities	8,500	8,500	0	0	0	0	8,500	0	0	0
Even Start Migrant, Indian, and Territory (Set-Aside)	6,200	7,500	0	0	0	0	0	7,500	0	0
Even Start Evaluation/Technical Assistance	3,720	3,000	0	0	0	0	0	3,000	0	0
Even Start/State Literacy Initiative	1,000	0	0	0	0	0	0	0	0	0
Competitive grants	9,054	5,000	5,000	0	0	0	0	0	0	0
Other non state allocations	0	2,500	2,500	0	0	0	0	0	0	0
Outlying areas										
American Samoa	5,355	5,572	5,572	0	0	0	0	0	451	440
Guam	5,023	5,023	5,023	0	0	0	0	0	1,051	250
Northern Marianas	2,848	2,964	2,964	0	0	0	0	0	257	1,025
Puerto Rico	273,453	277,159	262,416	221,502	40,914	472	3,903	10,369	6,040	5,629
Virgin Islands	9,118	9,487	9,487	0	0	0	0	0	866	845

[1] Data are based on fiscal year 2000 budget authorizations. Excludes $6,977,000 for Title I evaluation.

[2] Formerly Chapter 1.

[3] Data are based on fiscal year 2001 budget authorizations. Excludes $8,900,000 for Title I evaluation.

[4] Formerly Chapter 2.

[5] Includes Capital Expenses, Even Start grants, and Accountability grants.

[6] Includes other programs not shown separately.

[7] Total includes other activities and outlying areas.

NOTE: Elementary and Secondary Education Act was most recently revised through the Improving America's Schools Act (IASA) of 1994. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, Budget Service, Elementary, Secondary, and Vocational Education Analysis Division, unpublished data. (This table was prepared April 2001.)

Table 370.—Federal obligations for research and development and R&D plant, by state and selected agency: Fiscal year 1999

[In thousands of dollars]

State or other area	Total	Department of Agriculture	Department of Commerce	Department of Defense	Department of Energy	Department of Health and Human Services	Department of the Interior	Department of Transportation	Environmental Protection Agency	National Aeronautics and Space Administration	National Science Foundation
1	2	3	4	5	6	7	8	9	10	11	12
Total	**$75,840,468**	**$1,741,439**	**$1,008,826**	**$35,668,310**	**$6,873,603**	**$16,118,704**	**$640,999**	**$680,858**	**$667,543**	**$9,773,988**	**$2,668,200**
Alabama	1,873,532	25,844	1,171	1,030,863	25,678	181,635	6,338	4,877	5,100	577,269	14,757
Alaska	115,015	9,901	26,346	18,043	3,264	3,904	26,214	3,416	789	9,504	13,534
Arizona	1,118,044	25,317	3,267	790,936	5,149	107,304	14,725	3,492	5,620	70,804	91,430
Arkansas	109,449	33,563	0	1,548	100	56,018	5,467	2,695	639	1,400	8,019
California	16,067,865	100,699	83,792	9,258,919	1,512,958	1,732,105	40,721	37,903	33,478	2,874,774	392,516
Colorado	1,481,920	30,514	96,520	577,014	156,683	220,110	56,598	26,055	11,982	147,327	159,117
Connecticut	657,480	7,589	9,302	184,209	51,170	282,829	1,406	16,175	934	76,266	27,600
Delaware	53,341	5,415	2,304	13,541	2,046	9,029	504	1,465	874	4,256	13,907
District of Columbia	2,505,293	175,034	16,630	1,087,274	422,778	235,552	2,678	168,268	83,029	209,229	104,821
Florida	2,340,593	44,946	38,426	1,493,366	13,064	185,551	23,259	9,765	13,948	445,276	72,992
Georgia	2,031,780	57,267	3,794	1,503,844	12,347	354,329	10,189	6,479	17,732	21,149	44,650
Hawaii	208,112	21,579	15,068	93,367	2,984	28,991	6,605	835	0	18,860	19,823
Idaho	208,899	20,664	1,403	11,679	150,207	3,718	11,862	1,724	594	1,552	5,496
Illinois	1,467,563	54,509	4,953	131,538	622,468	461,206	7,257	13,249	6,146	17,336	148,901
Indiana	420,611	18,057	1,902	190,939	16,858	117,659	5,138	5,854	645	13,344	50,215
Iowa	270,289	50,281	226	20,870	31,547	129,573	6,280	3,660	896	10,624	16,332
Kansas	195,563	18,659	524	55,646	4,700	81,015	8,587	2,647	2,542	5,111	16,132
Kentucky	146,976	9,136	364	12,060	3,715	97,365	4,220	4,906	451	1,573	13,186
Louisiana	248,021	49,304	6,004	34,860	6,464	79,490	18,905	3,166	6,420	29,031	14,377
Maine	152,084	4,615	2,158	89,409	1,394	37,097	4,896	1,306	224	2,883	8,102
Maryland	8,396,532	165,703	367,279	2,577,875	51,119	3,722,186	16,506	37,969	12,138	1,370,616	75,141
Massachusetts	3,149,654	28,359	41,887	1,280,130	100,902	1,309,072	5,935	44,697	9,985	142,013	186,674
Michigan	845,619	24,644	25,046	252,328	20,064	350,421	13,480	12,039	28,364	22,259	96,974
Minnesota	892,384	26,896	7,493	516,905	8,056	242,895	10,299	17,914	19,228	7,657	35,041
Mississippi	378,351	75,668	10,297	156,322	1,731	15,848	8,010	3,088	640	94,729	12,018
Missouri	930,514	24,721	237	522,212	4,601	309,316	18,557	3,898	8,049	12,266	26,659
Montana	98,867	22,539	365	5,863	1,120	26,044	17,493	2,455	2,422	5,620	12,946
Nebraska	94,967	30,628	650	5,130	939	34,480	7,556	1,238	300	2,148	11,898
Nevada	293,832	3,229	282	16,211	210,501	15,502	11,592	6,893	18,767	2,703	8,152
New Hampshire	292,251	5,237	8,998	192,622	620	48,007	2,045	3,237	1,000	16,032	14,453
New Jersey	2,691,966	6,938	30,325	2,253,555	74,708	149,077	5,839	67,372	4,443	44,530	55,179
New Mexico	2,168,105	8,950	971	629,531	1,381,734	56,807	12,496	7,923	4,042	50,328	15,323
New York	2,778,009	40,687	20,689	549,377	635,098	1,220,363	9,801	12,482	12,437	64,242	212,833
North Carolina	1,045,471	40,434	12,707	136,847	16,501	607,636	8,740	8,524	154,013	13,048	49,021
North Dakota	62,258	29,943	508	3,820	6,027	8,199	8,525	1,138	292	1,794	4,012
Ohio	3,795,905	17,173	6,617	2,683,279	18,047	418,995	6,551	19,283	80,009	499,730	46,221
Oklahoma	173,585	22,066	7,153	29,737	18,156	42,089	7,208	14,269	15,638	2,683	14,586
Oregon	417,043	39,379	16,365	28,149	37,184	209,202	16,731	2,796	23,605	9,494	34,138
Pennsylvania	1,935,185	55,757	4,803	516,972	336,332	848,167	8,188	10,114	5,718	40,124	109,010
Rhode Island	407,142	2,508	5,762	287,981	2,716	61,896	2,991	992	14,885	3,818	23,503
South Carolina	234,487	33,368	9,159	63,174	40,176	57,180	4,907	1,165	1,960	3,156	20,242
South Dakota	39,107	7,357	608	1,387	50	3,893	14,501	952	432	6,561	3,366
Tennessee	820,140	9,831	1,509	80,299	471,795	190,482	7,024	6,732	916	31,913	19,639
Texas	3,897,469	76,878	9,309	949,892	24,562	631,292	32,860	15,838	24,166	2,052,648	80,024
Utah	306,191	16,272	1,931	126,497	7,806	96,460	10,918	3,215	808	15,846	26,438
Vermont	62,215	6,743	423	10,017	917	37,376	1,507	578	561	625	3,468
Virginia	5,811,710	10,374	25,272	4,703,638	89,937	206,489	52,033	40,177	21,295	602,865	59,630
Washington	1,321,518	41,234	73,046	384,888	177,931	481,242	13,524	6,735	7,475	76,276	59,267
West Virginia	252,030	38,124	395	19,191	63,056	56,376	8,065	2,593	0	18,639	45,591
Wisconsin	380,985	39,300	3,127	14,219	20,468	219,342	15,862	3,886	1,912	17,862	45,007
Wyoming	35,541	8,727	25	729	4,190	1,646	9,905	3,737	0	438	6,144
Outlying areas	140,605	14,624	1,434	53,473	985	38,244	9,501	994	0	3,755	17,595
Puerto Rico	74,019	10,385	966	1,363	985	37,087	1,847	74	0	3,755	17,557
Other areas	66,586	4,239	468	52,110	0	1,157	7,654	920	0	0	38
Offices abroad	20,300	4,165	0	16,135	0	0	0	0	0	0	0

NOTE: Only the following 10 agencies are required to report to this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Interior, Transportation, and Health and Human Services; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. The obligations of the 10 major R&D supporting agencies included in this table represent approximately 98 percent of total Federal R&D obligations in fiscal year 1999. Detail may not sum to totals due to rounding.

SOURCE: National Science Foundation, *Federal Funds for Research and Development: Fiscal Years 1998, 1999, and 2000.* (This table was prepared March 2001.)

Table 371.—Federal science and engineering obligations to colleges and universities, by agency and state: Fiscal year 1999

[In thousands of dollars]

State or other area	Total	Department of Agriculture	Department of Defense	Department of Education	Department of Energy	Environmental Protection Agency	Department of Health and Human Services	National Aeronautics and Space Administration	National Science Foundation	Other[1]
1	2	3	4	5	6	7	8	9	10	11
United States[2]	**$17,974,786**	**$924,637**	**$1,800,511**	**$323,031**	**$650,028**	**$178,767**	**$9,805,548**	**$1,034,500**	**$2,684,786**	**$572,978**
Alabama	297,999	25,903	11,865	6,310	4,639	4,352	175,271	46,474	20,352	2,833
Alaska	54,316	6,740	660	816	2,982	589	1,831	9,078	12,543	19,077
Arizona	233,332	12,277	18,048	5,289	5,565	5,721	87,121	30,981	64,601	3,729
Arkansas	72,055	25,359	1,993	3,327	100	111	28,324	1,420	9,078	2,343
California	2,500,871	39,851	239,899	37,586	89,477	24,694	1,394,386	214,341	421,271	39,366
Colorado	504,673	12,554	22,423	8,578	13,945	8,628	170,677	73,265	142,144	52,459
Connecticut	334,784	7,127	10,296	2,614	10,743	527	269,728	4,797	28,114	838
Delaware	50,166	6,919	9,629	1,197	1,962	950	6,951	3,508	16,178	2,872
District of Columbia	184,265	1,639	28,873	6,398	1,813	2,063	110,721	9,474	9,501	13,783
Florida	394,086	22,944	31,460	11,164	21,851	2,826	178,350	26,199	79,555	19,737
Georgia	386,797	32,324	55,447	7,667	11,501	4,047	200,350	17,784	48,751	8,926
Hawaii	95,456	11,988	11,228	2,982	2,846	64	20,065	10,281	19,814	16,188
Idaho	30,008	8,894	1,243	1,787	1,760	724	2,698	713	6,176	6,013
Illinois	676,939	25,935	48,093	11,699	24,852	2,759	378,219	13,601	161,012	10,769
Indiana	245,967	23,438	14,376	1,341	17,018	1,092	122,647	4,208	57,311	4,536
Iowa	214,975	30,762	5,120	3,599	5,101	2,915	136,574	6,365	20,294	4,245
Kansas	109,403	15,309	4,681	12,685	4,580	2,558	45,225	5,352	18,196	817
Kentucky	117,801	25,784	3,146	4,030	3,715	815	62,742	2,896	13,635	1,038
Louisiana	193,566	20,640	29,679	4,189	8,428	6,760	75,877	6,104	16,988	24,901
Maine	26,306	8,005	3,611	1,557	88	0	3,741	354	6,968	1,982
Maryland	1,120,503	13,755	365,458	8,024	10,498	6,376	470,790	162,288	56,027	27,287
Massachusetts	1,047,036	11,058	126,097	8,769	85,968	8,968	554,182	42,779	187,417	21,798
Michigan	562,483	27,930	30,378	10,634	20,850	8,896	323,459	10,770	118,243	11,323
Minnesota	267,724	21,864	19,243	4,258	8,053	1,699	163,141	5,995	38,686	4,785
Mississippi	136,787	35,074	22,367	4,078	6,195	180	21,330	15,185	18,373	14,005
Missouri	399,909	27,379	10,302	6,871	4,578	8,868	298,238	8,223	32,343	3,107
Montana	62,880	12,639	2,762	3,673	259	2,095	9,659	10,715	15,372	5,706
Nebraska	79,037	16,631	3,209	2,050	939	270	30,998	2,812	18,576	3,552
Nevada	47,780	4,848	2,638	899	13,378	702	10,147	1,214	8,442	5,712
New Hampshire	104,233	5,080	3,299	1,125	617	1,464	49,404	10,621	13,432	19,191
New Jersey	272,009	11,144	22,963	4,683	18,482	4,130	124,295	10,048	66,487	9,777
New Mexico	139,445	9,240	37,398	2,310	6,460	274	40,520	23,816	16,433	2,994
New York	1,450,921	30,585	74,600	16,751	64,990	8,857	939,187	36,005	226,336	53,610
North Carolina	662,013	38,178	41,936	13,893	12,668	11,484	456,301	9,632	57,412	20,509
North Dakota	43,901	11,971	2,084	1,106	6,781	222	6,100	4,487	8,589	1,961
Ohio	492,676	22,893	48,275	10,515	10,851	4,477	316,948	18,748	51,384	8,585
Oklahoma	99,634	20,170	6,133	2,253	6,053	3,087	30,124	7,908	16,372	7,534
Oregon	227,420	18,062	13,190	12,484	3,642	2,495	120,249	7,103	37,654	12,541
Pennsylvania	1,098,534	24,011	156,814	12,414	21,016	4,093	708,384	24,475	138,644	8,683
Rhode Island	80,778	4,544	8,836	787	2,598	282	30,844	4,179	22,300	6,408
South Carolina	140,886	18,844	13,950	2,736	10,504	140	56,567	3,936	21,707	12,502
South Dakota	19,955	8,633	966	998	50	0	2,059	950	4,840	1,459
Tennessee	258,662	24,811	12,561	7,059	8,013	3,020	166,504	7,074	24,830	4,790
Texas	972,851	41,540	102,943	12,862	23,510	12,404	601,468	48,165	110,797	19,162
Utah	182,410	10,616	32,325	5,142	7,191	1,012	90,658	6,620	26,985	1,861
Vermont	54,024	8,268	1,063	2,309	621	140	36,343	718	3,714	850
Virginia	311,110	21,756	33,646	9,486	13,958	1,825	144,118	26,516	48,470	11,335
Washington	498,367	20,196	38,571	7,640	25,474	7,637	306,509	9,531	63,291	19,518
West Virginia	46,444	10,486	1,690	945	868	5	11,941	13,282	961	6,266
Wisconsin	354,820	23,627	11,532	10,935	20,813	1,445	212,375	12,847	52,279	8,967
Wyoming	15,789	4,614	912	527	1,184	25	1,208	663	5,908	748
Outlying areas	83,141	21,409	1,489	2,909	1,010	0	35,785	4,083	14,439	2,017
American Samoa	1,734	1,709	0	0	25	0	0	0	0	0
Guam	3,081	2,148	64	196	0	0	468	0	0	205
Puerto Rico	72,419	13,036	1,425	2,247	985	0	35,235	4,083	13,794	1,614
Trust Territory of the Pacific	4,006	3,500	0	466	0	0	0	0	0	40
Virgin Islands	1,901	1,016	0	0	0	0	82	0	645	158

[1] Includes U.S. Department of Commerce, U.S. Department of Housing and Urban Development, U.S. Department of the Interior, Agency for International Development, U.S. Department of Labor, U.S. Department of State, U.S. Department of Transportation, Bureau of Engraving and Printing, General Services Administration, Office of Justice programs, Social Security Administration, and Nuclear Regulatory Commission.

[2] Dollars reflect actual obligations during the fiscal year regardless of when the funds were actually spent by a recipient institution.

NOTE: Data are not comparable with previous years because starting in fiscal year 1999, data no longer include obligations to federally funded research and development centers administered by colleges and universities. Detail may not sum to totals due to rounding.

SOURCE: National Science Foundation, *Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1999*. (This table was prepared February 2001.)

Table 372.—Summary of federal funds for research, development, and R&D plant: Fiscal years 1993 to 2001

[In millions of current dollars]

Item	Actual							Estimate		
	1993	1994	1995	1996	1997	1998	1999	2000	2001	Percent change, 2000 to 2001
1	2	3	4	5	6	7	8	9	10	11
Total outlays for research, development, and R & D plant	**$68,385.8**	**$68,335.9**	**$68,410.0**	**$67,756.1**	**$70,892.0**	**$72,295.6**	**$72,813.9**	**$75,864.5**	**$79,400.0**	**4.7**
Research and development	65,241.3	66,158.8	66,374.6	65,909.9	68,897.2	70,434.5	70,585.2	73,774.2	77,254.7	4.7
R & D plant	3,144.5	2,177.1	2,035.4	1,846.2	1,994.8	1,861.1	2,028.7	2,090.3	2,145.3	2.6
Total obligations for research, development, and R & D plant	**70,414.7**	**69,427.0**	**71,011.8**	**69,408.7**	**71,744.7**	**73,743.5**	**77,386.6**	**81,772.8**	**83,609.3**	**2.2**
Research and development obligations	67,314.0	67,255.8	68,754.9	67,662.6	69,829.9	71,903.3	75,340.8	79,470.4	81,526.1	2.6
Performers										
Federal intramural [1]	16,556.2	16,139.1	17,342.7	16,596.4	16,720.0	17,114.0	18,084.7	19,072.8	19,352.4	1.5
Industrial firms	30,326.1	30,454.4	30,468.7	30,361.4	31,418.0	31,839.7	31,901.6	32,815.2	33,026.4	0.6
FFRDCs [2] administered by industrial firms	1,451.3	1,293.5	1,203.9	1,137.0	1,128.2	1,188.8	1,326.1	1,335.5	1,385.6	3.7
Universities and colleges	11,156.1	11,828.7	11,933.0	11,944.7	12,561.1	13,365.9	14,959.1	16,612.2	17,723.7	6.7
FFRDCs [2] administered by universities and colleges	3,666.5	3,292.9	3,574.3	3,447.7	3,701.1	3,890.2	3,896.5	3,992.6	4,189.1	4.9
Other nonprofit institutions	2,811.9	2,929.6	2,806.5	2,886.9	2,962.1	3,155.1	3,608.8	4,047.1	4,175.6	3.2
FFRDCs [2] administered by nonprofit institutions	753.4	735.5	831.4	754.5	821.0	603.0	913.3	898.1	978.0	8.9
State and local governments	320.3	325.4	316.5	246.7	261.1	447.5	357.5	389.6	410.7	5.4
Foreign	272.2	256.6	277.8	287.4	257.5	299.1	291.3	307.5	284.8	–7.3
Research obligations	26,890.5	27,440.4	28,573.4	28,265.1	29,365.6	30,922.3	33,527.5	36,329.5	38,688.1	6.5
Performers										
Federal intramural [1]	7,360.1	7,488.2	7,787.8	7,528.2	7,667.2	7,964.7	8,685.8	9,203.5	9,792.8	6.4
Industrial firms	4,018.9	4,063.5	4,727.9	4,291.3	4,392.1	4,635.1	4,579.8	4,888.1	5,118.0	4.7
FFRDCs [2] administered by industrial firms	795.8	737.2	818.0	696.2	759.6	844.1	879.3	850.1	911.3	7.2
Universities and colleges	9,844.1	10,323.5	10,371.6	10,673.7	11,173.2	11,741.0	13,203.8	14,699.1	15,696.1	6.8
FFRDCs [2] administered by universities and colleges	2,347.6	2,181.1	2,235.6	2,386.0	2,598.9	2,743.0	2,554.1	2,673.6	2,948.4	10.3
Other nonprofit institutions	2,041.3	2,094.9	2,056.1	2,179.5	2,294.9	2,425.2	2,806.7	3,178.3	3,340.6	5.1
FFRDCs [2] administered by nonprofit institutions	173.4	178.0	210.1	195.8	217.5	214.5	469.5	450.6	470.4	4.4
State and local governments	211.8	230.8	221.4	187.4	144.0	240.1	232.4	267.9	287.8	7.4
Foreign	97.4	143.3	144.8	126.8	118.1	114.5	116.1	118.3	122.7	3.8
Fields of science										
Life sciences	10,772.1	11,078.8	11,979.0	12,099.7	12,661.3	13,557.6	15,422.5	17,422.5	18,249.2	4.7
Psychology	550.7	550.2	653.6	513.0	545.4	591.0	632.6	719.9	751.8	4.4
Physical sciences	4,427.0	6,792.7	4,851.2	3,964.4	4,148.7	4,209.7	4,066.2	4,183.1	4,430.2	5.9
Environmental sciences	2,608.5	2,032.0	2,722.9	2,997.0	3,045.7	3,062.0	3,095.3	3,102.4	3,243.2	4.5
Mathematics and computer sciences	1,225.4	1,242.3	1,667.9	1,554.1	1,671.8	1,836.8	1,980.6	2,178.5	2,517.3	15.6
Engineering	5,499.4	4,023.3	4,952.7	5,679.6	5,690.3	5,895.4	6,263.4	6,548.3	7,088.7	8.3
Social sciences	674.9	655.0	682.9	674.2	696.3	806.1	854.9	901.8	995.9	10.4
Other sciences	1,132.5	1,066.1	1,063.2	783.0	906.1	963.7	1,212.1	1,273.0	1,411.8	10.9
Basic research obligations	13,399.1	13,552.9	13,895.5	14,462.4	14,942.2	15,613.0	17,443.7	18,981.7	20,274.4	6.8
Performers										
Federal intramural [1]	2,605.1	2,505.0	2,712.9	2,689.2	2,688.6	2,917.8	3,255.2	3,482.5	3,650.5	4.8
Industrial firms	959.2	1,109.1	1,221.2	1,131.0	1,166.7	1,119.7	1,082.8	1,192.0	1,192.8	0.1
FFRDCs [2] administered by industrial firms	237.3	237.6	239.1	272.8	294.7	326.4	313.4	308.2	325.1	5.5
Universities and colleges	6,798.5	7,024.2	6,951.3	7,406.1	7,695.8	7,952.2	9,107.1	10,043.7	10,906.4	8.6
FFRDCs [2] administered by universities and colleges	1,437.8	1,336.0	1,438.3	1,522.0	1,600.0	1,642.3	1,565.5	1,621.1	1,747.2	7.8
Other nonprofit institutions	1,164.9	1,125.7	1,134.2	1,235.2	1,289.6	1,397.6	1,650.0	1,871.2	1,980.3	5.8
FFRDCs [2] administered by nonprofit institutions	71.3	73.9	75.2	76.5	88.4	121.8	354.9	338.1	340.2	0.6
State and local governments	71.7	75.2	78.7	80.2	68.4	84.9	61.4	66.8	68.7	2.9
Foreign	53.3	66.1	44.5	49.5	49.9	50.4	53.4	58.1	63.3	8.9
Fields of science										
Life sciences	6,288.8	6,429.8	6,746.7	6,911.0	7,203.8	7,853.4	9,197.1	10,374.4	10,964.6	5.7
Psychology	246.8	247.4	279.8	281.5	293.9	312.0	347.3	408.7	425.6	4.1
Physical sciences	2,907.1	3,649.2	2,709.3	2,901.7	2,976.4	2,941.4	3,089.8	3,217.6	3,401.0	5.7
Environmental sciences	1,533.5	997.2	1,410.7	1,531.2	1,543.5	1,528.7	1,615.7	1,630.6	1,722.3	5.6
Mathematics and computer sciences	511.3	503.6	626.1	622.0	661.4	705.5	734.9	760.8	920.1	20.9
Engineering	1,207.4	1,061.7	1,432.2	1,606.6	1,583.0	1,594.4	1,639.7	1,716.9	1,870.3	8.9
Social sciences	194.1	191.7	210.8	230.0	221.0	224.8	246.5	273.4	299.8	9.7
Other sciences	510.1	472.4	479.9	378.3	459.3	452.7	572.5	599.3	670.6	11.9
Applied research obligations	13,491.4	13,887.5	14,677.9	13,802.7	14,423.4	15,309.3	16,083.7	17,347.9	18,413.7	6.1
Performers										
Federal intramural [1]	4,755.0	4,983.2	5,074.9	4,839.0	4,978.7	5,046.9	5,430.6	5,721.0	6,142.3	7.4
Industrial firms	3,059.7	2,954.4	3,506.7	3,160.3	3,225.5	3,515.4	3,497.0	3,696.1	3,925.1	6.2
FFRDCs [2] administered by industrial firms	558.6	499.6	578.9	423.4	464.9	517.7	565.8	541.9	586.2	8.2
Universities and colleges	3,045.5	3,299.3	3,420.3	3,267.6	3,477.4	3,788.9	4,096.7	4,655.3	4,789.8	2.9
FFRDCs [2] administered by universities and colleges	909.8	845.1	797.3	864.0	998.8	1,100.7	988.6	1,052.5	1,201.2	14.1
Other nonprofit institutions	876.4	969.2	921.9	944.3	1,005.3	1,027.7	1,156.7	1,307.1	1,360.4	4.1
FFRDCs [2] administered by nonprofit institutions	102.2	104.0	134.9	119.4	129.2	92.6	114.6	112.6	130.1	15.6
State and local governments	140.1	155.5	142.7	107.3	75.5	155.2	171.0	201.2	219.2	8.9
Foreign	44.1	77.2	100.3	77.4	68.2	64.1	62.8	60.2	59.4	–1.3
Fields of science										
Life sciences	4,483.3	4,649.0	5,232.3	5,188.7	5,457.6	5,704.1	6,225.3	7,048.1	7,284.6	3.4
Psychology	303.9	302.9	373.9	231.5	251.5	279.0	285.3	311.2	326.2	4.8
Physical sciences	1,519.8	3,143.5	2,141.9	1,062.7	1,172.4	1,268.3	976.4	965.5	1,029.1	6.6
Environmental sciences	1,075.0	1,034.8	1,312.3	1,465.8	1,502.2	1,533.2	1,479.5	1,471.8	1,521.0	3.3
Mathematics and computer sciences	714.1	738.7	1,041.7	932.1	1,010.5	1,131.4	1,245.7	1,417.7	1,597.2	12.7
Engineering	4,292.0	2,901.8	3,520.5	4,073.0	4,107.3	4,301.0	4,623.7	4,831.4	5,218.3	8.0

Table 372.—Summary of federal funds for research, development, and R&D plant: Fiscal years 1993 to 2001—Continued

[In millions of current dollars]

Item	Actual							Estimate		
	1993	1994	1995	1996	1997	1998	1999	2000	2001	Percent change, 2000 to 2001
1	2	3	4	5	6	7	8	9	10	11
Social sciences	480.8	463.3	472.0	444.2	475.3	581.3	608.3	628.4	696.0	10.8
Other sciences	622.4	593.8	583.3	404.7	446.8	510.9	639.6	673.7	741.2	10.0
Development obligations	40,423.5	39,815.4	40,181.4	39,397.5	40,464.3	40,981.0	41,813.1	43,140.7	42,838.1	–0.7
Performers										
Federal intramural[1]	9,196.2	8,650.9	9,554.9	9,068.1	9,052.7	9,149.3	9,398.9	9,869.3	9,559.6	–3.1
Industrial firms	26,307.2	26,390.9	25,740.7	26,070.1	27,025.8	27,204.6	27,321.8	27,927.0	27,908.3	–0.1
FFRDCs[2] administered by industrial firms	655.5	556.3	385.9	440.7	368.6	344.7	448.8	485.4	474.3	–2.3
Universities and colleges	1,312.0	1,505.2	1,561.4	1,271.0	1,387.9	1,624.8	1,755.3	1,913.0	2,027.5	6.0
FFRDCs[2] administered by universities and colleges	1,318.9	1,111.8	1,338.7	1,061.6	1,102.1	1,147.2	1,342.3	1,319.0	1,240.7	–5.9
Other nonprofit institutions	770.6	834.8	750.4	707.4	667.2	729.9	802.0	868.8	835.0	–3.9
FFRDCs[2] administered by nonprofit institutions	580.0	557.6	621.3	558.7	603.4	388.5	443.7	447.6	507.7	13.4
State and local governments	108.5	94.7	95.1	59.3	117.1	207.4	125.1	121.6	122.8	1.0
Foreign	174.8	113.3	133.0	160.5	139.3	184.6	175.2	189.2	162.1	–14.3
R & D plant obligations	3,100.7	2,171.2	2,256.9	1,746.1	1,914.8	1,840.2	2,045.8	2,302.3	2,083.1	–9.5
Performers										
Federal intramural[1]	432.0	392.6	482.6	405.1	608.3	475.3	483.3	787.8	441.9	–43.9
Industrial firms	1,048.2	746.8	696.6	465.4	389.8	487.7	544.7	526.7	561.7	6.6
FFRDCs[2] administered by industrial firms	124.4	119.4	95.1	43.9	60.5	45.6	172.8	154.5	321.6	108.2
Universities and colleges	361.4	209.0	323.8	243.1	238.6	139.5	141.2	192.8	194.4	0.8
FFRDCs[2] administered by universities and colleges	619.5	608.8	543.9	497.8	548.8	663.6	615.5	552.8	469.5	–15.1
Other nonprofit institutions	415.6	20.9	25.6	23.4	16.7	10.9	12.2	24.6	14.3	–41.9
FFRDCs[2] administered by nonprofit institutions	65.5	72.9	62.6	66.1	52.0	12.1	70.7	61.9	79.8	28.9
State and local governments	0.5	0.8	0.5	1.0	—	—	5.3	1.3	—	—
Foreign	33.4	0.2	26.1	0.5	0.1	5.5	—	—	—	—

—Not available.

[1] Includes costs associated with the administration of intramural and extramural programs by federal personnel as well as actual intramural performance.

[2] Federally funded research and development centers.

NOTE: Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: National Science Foundation, *Federal Funds for Research and Development*, various years. (This table was prepared February 2001.)

Table 373.—U.S. Department of Agriculture obligations for child nutrition programs, by state or other area: Fiscal years 1999 and 2000

[In thousands]

State or other area	Total, fiscal year 1999	Fiscal year 2000							
		Total	Special milk	School lunch[1]	School breakfast	State administrative expenses	Commodities and cash in lieu of commodities[2]	Child and adult care	Summer food service
1	2	3	4	5	6	7	8	9	10
Total	$9,657,184	$9,938,238	$16,160	$5,564,283	$1,422,941	$120,201	$840,491	$1,690,472	$283,690
Alabama	182,533	185,074	60	108,242	25,546	2,269	15,276	29,351	4,330
Alaska	25,911	26,414	3	15,425	2,441	460	1,546	6,129	410
Arizona	174,352	185,889	162	100,783	24,878	2,331	15,052	38,380	4,304
Arkansas	109,232	109,910	24	60,559	19,334	1,444	9,315	17,666	1,568
California	1,217,247	1,260,209	762	748,258	191,980	14,314	89,419	195,053	20,422
Colorado	94,179	95,795	146	50,053	9,203	1,370	9,009	24,605	1,409
Connecticut	74,144	75,715	438	44,497	9,586	944	7,198	10,077	2,976
Delaware	25,358	25,958	51	11,613	2,955	476	1,991	7,643	1,229
District of Columbia	25,589	25,385	7	14,200	3,719	376	1,055	2,899	3,128
Florida	505,293	536,404	149	311,291	81,157	5,706	40,291	71,443	26,366
Georgia	352,749	370,395	36	203,661	64,539	4,102	32,443	55,477	10,138
Hawaii	42,466	43,731	3	27,515	6,101	595	4,532	4,498	486
Idaho	36,724	38,549	182	23,994	4,088	527	4,390	4,152	1,216
Illinois	357,753	370,241	2,592	214,952	34,528	4,493	27,568	72,817	13,292
Indiana	138,998	148,865	319	84,817	17,473	1,821	17,985	24,450	2,000
Iowa	79,493	82,817	113	46,304	9,194	1,123	10,872	14,520	691
Kansas	88,752	90,013	128	43,585	10,145	1,344	7,808	25,897	1,105
Kentucky	157,832	165,048	75	93,074	30,725	1,883	13,883	22,074	3,335
Louisiana	250,673	254,036	56	139,989	43,598	3,226	17,472	42,920	6,776
Maine	35,376	35,445	114	17,395	3,830	629	3,144	9,476	856
Maryland	136,724	137,232	441	72,475	18,281	1,838	10,362	28,110	5,725
Massachusetts	161,468	161,398	498	79,428	19,119	2,167	14,187	40,991	5,009
Michigan	234,470	248,731	898	140,361	32,139	3,131	23,880	44,817	3,505
Minnesota	150,878	159,721	982	70,076	16,552	2,400	13,817	52,770	3,125
Mississippi	165,147	168,374	7	97,922	32,855	1,974	11,228	21,089	3,299
Missouri	170,455	179,792	365	96,262	26,692	2,147	18,588	30,476	5,244
Montana	28,797	29,111	38	14,366	2,845	531	2,080	8,735	517
Nebraska	62,317	64,770	133	28,828	5,498	1,077	7,289	21,398	547
Nevada	37,468	41,715	184	25,241	6,781	513	3,775	2,910	2,311
New Hampshire	20,094	20,090	191	11,254	2,178	351	3,149	2,608	359
New Jersey	181,924	190,932	898	115,798	16,610	2,167	18,570	30,022	6,866
New Mexico	106,626	108,729	2	48,368	14,328	1,588	6,057	32,598	5,787
New York	702,193	719,465	1,063	406,606	92,999	8,077	56,059	114,614	40,048
North Carolina	281,564	292,429	134	156,987	47,330	3,533	24,578	55,468	4,399
North Dakota	24,105	24,460	73	10,634	1,843	512	2,417	8,633	348
Ohio	261,230	274,468	753	156,800	35,127	3,317	27,955	45,796	4,719
Oklahoma	139,802	149,872	58	75,579	24,423	1,913	13,581	31,733	2,585
Oregon	99,415	101,363	135	48,346	16,055	1,487	7,702	25,280	2,359
Pennsylvania	280,500	281,855	783	164,731	34,696	3,190	28,579	35,270	14,606
Rhode Island	25,768	28,822	114	16,480	3,152	408	2,604	4,850	1,216
South Carolina	168,181	173,766	9	100,157	31,660	1,909	14,001	18,991	7,039
South Dakota	27,874	30,097	41	16,063	3,380	498	3,618	5,598	900
Tennessee	187,436	197,077	26	109,507	30,179	2,359	18,148	30,690	6,167
Texas	895,210	949,971	101	552,207	170,470	10,165	77,356	119,315	20,357
Utah	77,659	80,119	80	38,822	5,795	1,292	8,613	23,557	1,960
Vermont	16,119	16,293	70	7,599	2,093	350	1,727	4,078	377
Virginia	172,156	176,117	225	104,585	26,040	1,418	16,405	24,156	3,288
Washington	152,229	158,922	277	86,047	20,363	2,054	14,568	32,386	3,228
West Virginia	69,318	71,324	29	37,205	13,105	958	6,241	12,105	1,681
Wisconsin	121,645	124,872	1,403	68,912	8,771	1,693	14,027	27,887	2,180
Wyoming	15,878	15,265	17	7,721	1,455	353	1,309	4,334	76
Administrative costs	5,573	6,936	—	—	—	—	6,936	—	—
Department of Defense dependents schools	6,779	7,287	—	6,227	31	—	1,028	—	—
Outlying areas									
American Samoa	—	9,096	0	9,096	0	0	0	0	0
Guam	4,271	4,944	0	3,231	1,039	220	363	91	0
Northern Marianas	—	4,022	0	4,022	0	0	0	0	0
Puerto Rico	175,189	167,880	0	109,439	24,615	1,874	11,392	15,406	5,155
Virgin Islands	6,979	6,537	2	3,784	318	244	1,001	658	530
Undistributed[3]	309,090	228,490	690	102,913	39,105	3,064	17,053	53,527	12,138

—Not available.

[1] Special Meal Assistance program is combined with "School Lunch" program.

[2] Commodities are based on preliminary food orders for fiscal year 2000.

[3] Undistributed amount reflects the difference between preliminary state earnings reports and federal obligations as of September 30, 2000. Undistributed amount under school lunch includes obligations for American Samoa and the Northern Mariana Islands.

NOTE: Data are based on obligations as reported September 30, 2000. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Agriculture, Food and Nutrition Service, Budget Division, unpublished data. (This table was prepared January 2001.)

Table 374.—U.S. Department of Health and Human Services allocations for Head Start and enrollment in Head Start, by state or other area: Fiscal years 1997 to 2000

State or other area	1997		1998		1999		2000	
	Head Start allocations (in thousands)	Head Start enrollment[1]	Head Start allocations (in thousands)	Head Start enrollment[2]	Head Start allocations (in thousands)	Head Start enrollment[3]	Head Start allocations (in thousands)	Head Start enrollment[4]
1	2	3	4	5	6	7	8	9
Total	**$3,876,707**	**793,809**	**$4,232,433**	**822,316**	**$4,502,423**	**829,958**	**$5,102,907**	**857,657**
Alabama	65,970	14,979	67,517	15,118	71,983	15,263	82,414	15,823
Alaska	7,581	1,212	8,209	1,261	8,786	1,281	9,738	1,297
Arizona	53,478	10,561	59,017	11,055	62,444	11,127	73,697	11,882
Arkansas	36,396	9,637	39,367	9,893	43,449	10,097	48,379	10,316
California	458,841	79,929	528,339	86,368	554,366	86,459	642,512	95,280
Colorado	40,902	8,952	42,368	8,863	46,602	9,135	52,226	9,333
Connecticut	32,985	6,190	35,244	6,476	37,906	6,825	41,674	6,857
Delaware	8,314	2,077	8,446	2,114	8,873	2,126	9,820	2,119
District of Columbia	17,361	3,273	18,276	3,295	19,201	3,279	20,926	3,345
Florida	144,663	29,523	159,055	30,285	169,996	30,792	195,696	32,389
Georgia	96,295	20,505	105,423	21,195	112,040	21,121	126,281	21,580
Hawaii	12,632	2,539	13,983	2,769	15,786	2,799	18,199	2,916
Idaho	12,529	2,213	13,058	2,231	14,121	2,266	16,098	2,387
Illinois	170,193	33,924	182,050	34,871	192,580	35,211	214,965	37,767
Indiana	55,293	12,415	61,337	12,930	65,226	13,057	72,467	13,323
Iowa	28,458	6,341	33,451	6,922	36,038	7,003	40,714	7,235
Kansas	28,815	6,355	31,299	7,175	32,958	7,000	37,061	7,447
Kentucky	65,587	14,828	71,283	15,163	76,409	15,281	85,198	15,701
Louisiana	87,261	19,998	94,565	20,402	100,196	20,703	110,318	20,975
Maine	15,536	3,392	17,233	3,537	18,695	3,618	20,378	3,631
Maryland	47,688	9,514	51,664	9,507	54,966	9,626	61,920	9,968
Massachusetts	68,913	11,499	73,664	11,877	78,544	12,094	85,917	12,250
Michigan	150,074	32,440	162,316	33,316	171,121	33,422	186,842	33,769
Minnesota	43,536	9,117	48,909	9,545	51,740	9,630	56,401	9,715
Mississippi	103,523	24,693	110,564	24,953	117,375	25,091	129,843	25,455
Missouri	66,763	14,899	73,482	15,415	78,622	16,191	93,475	16,574
Montana	11,500	2,510	12,292	2,555	13,839	2,678	15,267	2,703
Nebraska	19,037	4,088	21,318	4,335	23,890	4,518	26,660	4,571
Nevada	9,942	2,019	11,280	2,035	11,484	2,035	12,369	2,035
New Hampshire	7,430	1,267	8,512	1,382	9,114	1,425	9,838	1,425
New Jersey	82,650	13,746	89,319	14,201	94,945	14,443	104,743	14,567
New Mexico	33,971	7,187	32,470	7,012	35,363	7,108	38,374	7,135
New York	261,541	43,716	286,961	45,608	304,283	45,040	342,136	46,805
North Carolina	80,559	16,825	87,978	17,221	93,979	17,394	104,684	17,808
North Dakota	8,733	2,121	9,721	1,966	10,561	2,002	11,973	2,042
Ohio	155,354	35,441	168,724	36,300	178,271	36,454	196,684	38,261
Oklahoma	45,865	11,631	50,997	12,142	54,422	12,217	61,555	12,655
Oregon	34,466	5,222	37,909	5,400	40,118	5,480	46,071	5,771
Pennsylvania	142,973	27,515	154,046	28,902	165,674	29,124	181,844	29,650
Rhode Island	13,135	2,676	13,901	2,778	15,330	2,817	17,378	2,952
South Carolina	51,714	10,822	52,826	11,110	56,280	11,207	64,060	11,604
South Dakota	10,139	2,374	11,088	2,355	12,708	2,485	14,045	2,587
Tennessee	69,365	14,553	76,803	14,748	81,387	14,753	92,040	15,747
Texas	253,186	54,624	279,640	57,281	299,891	58,173	361,846	63,171
Utah	20,132	4,419	21,728	4,654	23,185	4,679	27,840	5,079
Vermont	8,433	1,379	8,900	1,404	9,691	1,438	10,514	1,438
Virginia	54,571	11,480	61,960	12,053	66,246	12,243	74,487	12,652
Washington	59,644	9,387	64,841	9,682	69,601	9,831	78,359	10,287
West Virginia	31,064	6,858	33,349	6,876	36,062	7,043	39,842	7,144
Wisconsin	58,550	12,556	63,218	12,905	67,582	13,113	72,177	12,953
Wyoming	5,814	1,395	6,421	1,452	7,546	1,500	8,187	1,468
Migrant programs	153,788	36,458	162,206	37,116	178,122	38,132	206,391	31,607
American Indian/Alaskan Native programs	113,920	21,019	121,272	21,612	130,191	21,237	144,768	22,391
Special projects	—	—	—	—	—	—	—	—
Outlying areas								
Puerto Rico	143,121	32,221	155,526	33,273	155,526	33,470	185,563	34,393
Pacific Territories	9,963	5,849	10,297	5,989	10,297	5,989	12,356	5,989
Virgin Islands	6,560	1,446	6,811	1,430	6,811	1,430	7,697	1,430

—Not available.

[1] The distribution of enrollment by age was: 6 percent were 5 years old and over; 60 percent were 4-year-olds; 30 percent were 3-year-olds; and 4 percent were under 3 years of age. Handicapped children accounted for 13 percent in Head Start programs. The racial/ethnic composition was: American Indian/Alaskan Native, 4 percent; Hispanic, 26 percent; black, 36 percent; white, 31 percent; and Asian, 3 percent.

[2] The distribution of enrollment by age was: 6 percent were 5 years old and over; 59 percent were 4-year-olds; 31 percent were 3-year-olds; and 4 percent were under 3 years of age. Handicapped children accounted for 13 percent in Head Start programs. The racial/ethnic composition was: American Indian/Alaskan Native, 3 percent; Hispanic, 26 percent; black, 36 percent; white, 32 percent; and Asian, 3 percent.

[3] The distribution of enrollment by age was: 6 percent were 5 years old and over; 59 percent were 4-year-olds; 31 percent were 3-year-olds; and 4 percent were under 3 years of age. Handicapped children accounted for 13 percent in Head Start programs. The racial/ethnic composition was: American Indian/Alaskan Native, 3 percent; Hispanic, 27 percent; black, 35 percent; white, 31 percent; and Asian, 3 percent.

[4] The distribution of enrollment by age was: 5 percent were 5 years old and over; 56 percent were 4-year-olds; 33 percent were 3-year-olds; and 6 percent were under 3 years of age. Handicapped children accounted for 13 percent in Head Start programs. The racial/ethnic composition was: American Indian/Alaskan Native, 3 percent; Hispanic, 29 percent; black, 35 percent; white, 30 percent; Asian, 2 percent, and Hawaiian/Pacific Islander, 1 percent.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Health and Human Services, Office of Human Development Services. (This table was prepared April 2001.)

Table 375.—Public school students receiving federally funded free or reduced price lunches, by selected school characteristics: School year 1993–94

School characteristics	Percent of students participating in program			
	Total	Elementary	Secondary	Combined
1	2	3	4	5
Total	**33.2 (0.5)**	**38.8 (0.7)**	**22.0 (0.4)**	**39.1 (1.7)**
Community type				
Central city	44.9 (1.0)	52.1 (1.3)	28.9 (0.9)	52.2 (3.0)
Urban fringe/large town	23.5 (0.9)	28.3 (1.4)	14.6 (0.6)	23.9 (3.8)
Rural/small town	32.2 (0.6)	36.3 (0.8)	23.0 (0.4)	39.9 (1.9)
School size (students)				
Less than 150	38.6 (1.3)	38.4 (1.9)	35.8 (1.5)	50.2 (2.4)
150–299	38.1 (0.9)	39.5 (1.2)	28.4 (1.1)	51.8 (4.9)
300–499	37.0 (0.9)	38.8 (1.0)	26.2 (1.1)	37.3 (2.6)
500–749	33.5 (0.9)	36.0 (1.0)	22.3 (0.7)	34.7 (2.2)
750 or more	29.7 (0.9)	42.5 (1.8)	20.6 (0.5)	34.3 (3.2)
Minority students				
Less than 5%	22.0 (0.5)	24.4 (0.7)	17.0 (0.6)	28.6 (1.6)
5 to 19%	18.9 (0.5)	22.2 (0.8)	11.7 (0.4)	30.6 (2.3)
20 to 49%	32.0 (0.7)	38.1 (1.0)	20.1 (0.4)	38.6 (5.0)
50% or more	57.3 (1.1)	65.5 (1.2)	38.9 (1.0)	60.6 (3.2)

NOTE: Combined includes schools beginning with grade 6 or below and ending with grade 9 or above. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared June 1998.)

Table 376.—Public and private school students receiving federally funded Chapter 1[1] services, by selected school characteristics: School year 1993–94

School characteristics	Percent of students participating in program								
	All schools	Public				Private			
		Total	Elementary	Secondary	Combined[2]	Total	Elementary	Secondary	Combined[2]
1	2	3	4	5	6	7	8	9	10
Total	**13.1 (0.4)**	**14.3 (0.4)**	**18.5 (0.6)**	**6.1 (0.3)**	**13.6 (0.7)**	**3.3 (0.2)**	**4.6 (0.3)**	**1.9 (0.4)**	**1.4 (0.2)**
Community type									
Central city	17.0 (0.7)	19.4 (0.8)	24.2 (1.2)	9.2 (1.0)	14.4 (2.3)	4.4 (0.4)	6.7 (0.6)	2.5 (0.7)	0.8 (0.2)
Urban fringe/large town	9.1 (0.7)	10.1 (0.8)	13.0 (1.2)	4.6 (0.6)	8.3 (1.3)	2.0 (0.2)	2.4 (0.3)	0.9 (0.3)	1.9 (0.6)
Rural/small town	13.2 (0.5)	13.7 (0.5)	18.2 (0.7)	5.2 (0.2)	14.9 (1.0)	3.0 (0.5)	4.0 (0.6)	2.3 (0.6)	1.8 (0.7)
School size (students)									
Less than 150	9.8 (0.6)	16.7 (0.9)	20.0 (1.3)	11.1 (0.9)	15.6 (1.4)	3.8 (0.5)	3.3 (0.5)	8.1 (3.0)	3.8 (0.9)
150–299	13.1 (0.6)	16.7 (0.8)	19.2 (1.0)	7.6 (0.8)	11.6 (1.7)	5.1 (0.4)	6.2 (0.5)	4.1 (1.9)	1.4 (0.5)
300–499	14.7 (0.6)	16.3 (0.6)	18.0 (0.7)	7.0 (0.9)	13.1 (1.0)	2.6 (0.4)	3.7 (0.7)	0.9 (0.2)	0.8 (0.2)
500–749	14.7 (0.6)	15.5 (0.7)	17.6 (0.9)	6.0 (0.7)	18.3 (2.4)	2.0 (0.6)	3.8 (1.3)	1.1 (0.3)	0.3 (0.2)
750 or more	11.3 (0.7)	11.7 (0.7)	20.1 (1.7)	5.8 (0.4)	11.4 (1.0)	1.3 (0.3)	4.5 (1.6)	0.8 (0.2)	0.4 (0.2)
Minority students									
Less than 5%	7.8 (0.2)	8.8 (0.2)	11.6 (0.3)	3.7 (0.3)	9.7 (0.6)	1.7 (0.1)	2.4 (0.2)	0.6 (0.2)	0.8 (0.3)
5 to 19%	6.0 (0.2)	6.6 (0.3)	8.6 (0.4)	2.3 (0.2)	14.2 (1.7)	2.1 (0.2)	3.0 (0.3)	1.6 (0.5)	0.9 (0.4)
20 to 49%	10.2 (0.7)	10.8 (0.7)	14.6 (1.1)	3.3 (0.2)	13.7 (1.5)	2.7 (0.4)	2.7 (0.6)	3.7 (1.2)	1.7 (0.5)
50% or more	27.8 (1.0)	29.0 (1.1)	35.8 (1.6)	14.9 (1.2)	18.2 (2.1)	10.0 (1.1)	12.4 (1.3)	2.5 (0.7)	5.2 (1.6)

[1] Chapter 1 was reauthorized under the Improving America's Schools Act (IASA) of 1994 and is now called Title I.

[2] Includes schools beginning with grade 6 or below and ending with grade 9 or above.

NOTE: Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared June 1998.)

CHAPTER 5

Outcomes of Education

This chapter contains tables comparing educational attainment and workforce characteristics. The data show labor force participation and income levels of high school dropouts and high school and college graduates. Population characteristics are provided for many of the measures to help provide comparisons among various demographic groups. Tables 379 to 385 contain data from the Bureau of the Census on educational attainment and income of the labor force, and data from the Bureau of Labor Statistics on employment and unemployment. These tables provide information on the educational attainment of the labor force, by occupation, sex, and race/ethnicity; income, by level of education attained; and unemployment rates, by level of education attained, sex, and race/ethnicity.

Tables 384 and 385 were compiled from Bureau of Labor Statistics data on high school dropouts and graduates. These data show the labor force participation and college enrollment of high school students within the year after they leave school. The tabulations also provide comparative labor force participation and unemployment rates for graduates and dropouts. Additional information on college enrollment rates by race/ethnicity and sex have been included to help form a more complete picture of high school outcomes. Tables 382, 383, and 387 to 390 were prepared from a Bureau of the Census survey on earnings and education and from the Recent College Graduates and Baccalaureate and Beyond surveys by the National Center for Education Statistics. These tables provide data on employment outcomes for college graduates. Table 382 provides a salary comparison by education level and sex for the entire population. Trends in salaries received by all college graduates also are featured in this section. The last two tables in this chapter deal with community service and literacy skills.

Statistics related to outcomes of education appear in other sections of the *Digest*. For example, statistics on educational attainment of the entire population are in Chapter 1. More detailed data on the numbers of high school and college graduates are contained in Chapters 2 and 3. Chapter 3 contains trend data on the proportion of high school graduates going to college. Additional data on the income of persons by educational attainment may be obtained from the Bureau of the Census in the *Current Population Reports,* Series P–60. The Bureau of Labor Statistics has a series of publications dealing with the educational characteristics of the labor force. Further information on survey methodologies is in the "Guide to Sources" in the appendix and in the publications cited in the source notes.

Labor Force

Adults with higher levels of education were more likely to participate in the labor force (including those who were employed and those actively seeking employment) than those with less education. About 80 percent of adults, 25 years old and over with a bachelor's or higher degree, participated in the labor force in 2000 compared with 65 percent of persons who were high school graduates. In contrast, 43 percent of those 25 and older, who were not high school graduates, were in the labor force. The labor force participation rates for blacks and Hispanics age 25 and older with high school diplomas were higher than the average for all people with similar levels of education (table 379). The labor force participation rate for blacks age 25 and over with a bachelor's degree was also higher than the average for whites.

Persons with lower levels of educational attainment were more likely to be unemployed than those who had higher levels of educational attainment. The 2000 unemployment rate for adults (25 years old and over) who had not completed high school was 6.4 percent compared with 3.5 percent for those with 4 years of high school and 1.7 percent for those with a bachelor's degree or higher. Younger people with high school diplomas tended to have higher unemployment rates than persons 25 and over with similar levels of education (table 381).

Four years after graduating from college in 1992–93, 89 percent of those receiving bachelor's degrees were employed (81 percent full time and 8 percent part time), 2.7 percent were unemployed, and 8.1 percent were not in the labor force (table 388).

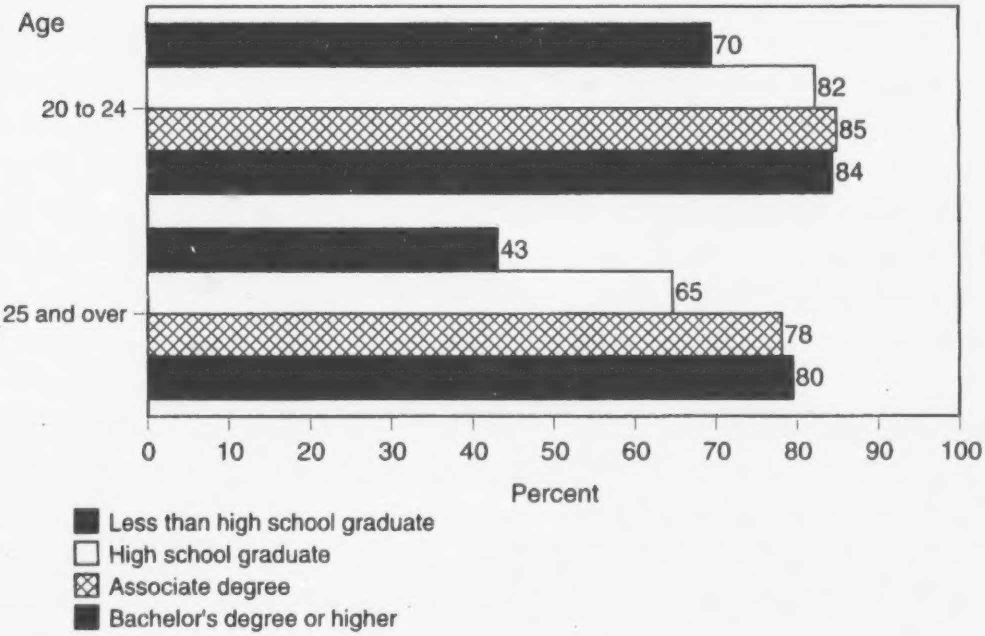
Income

Between 1996 and 1999, the median annual income of male full-time year-round workers, when adjusted for inflation, increased by 7 percent and the income for females rose by 5 percent. Women's incomes remain lower than men's incomes, even after adjusting for level of education. The average 1999 incomes for full-time year-round workers with a bachelor's degree were $52,985 for men and $37,993 for women (table 382).

Dropouts and Graduates

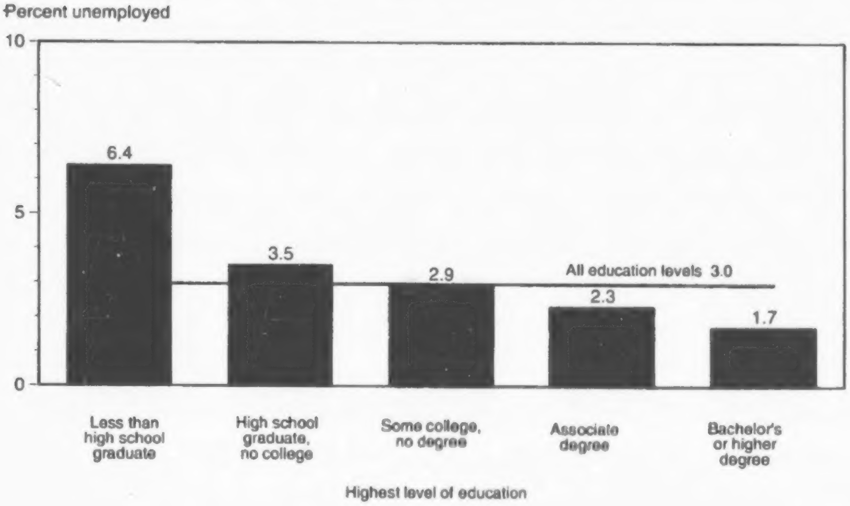
The difficulties in entering the job market for dropouts, and youth in general, are highlighted by examining their labor force and unemployment status. About 68 percent of 1999–2000 dropouts were in the labor force (employed or looking for work), and 28 percent of those were unemployed. Of the 2000 high school graduates who were not in college, 80 percent were in the labor force, and 13 percent of those in the labor force were unemployed (tables 384 and 385).

Figure 23.–Labor force participation of persons 20 years old and over, by age and highest level of education: 2000



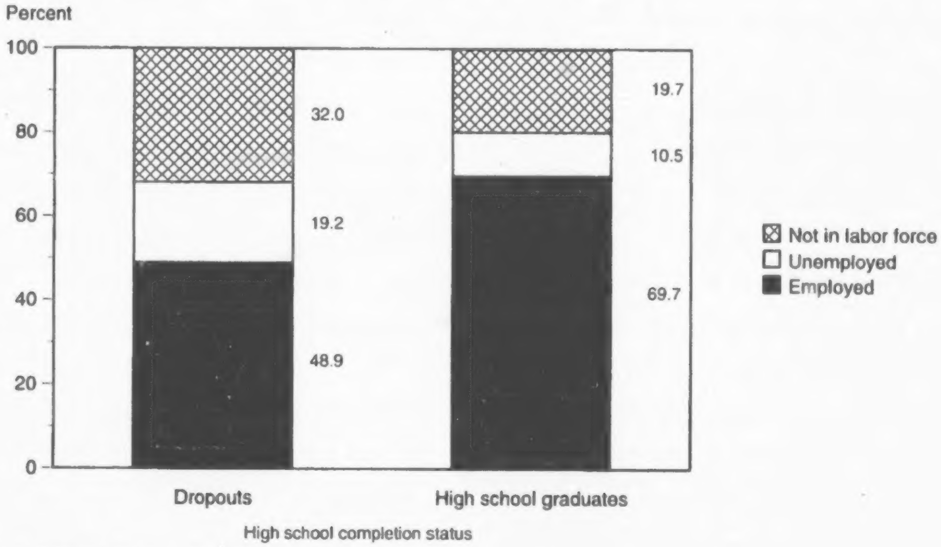
SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, Current Population Survey, 2000.

Figure 24.–Unemployment rates of persons 25 years old and over, by highest level of education: 2000



SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, Current Population Survey, 2000.

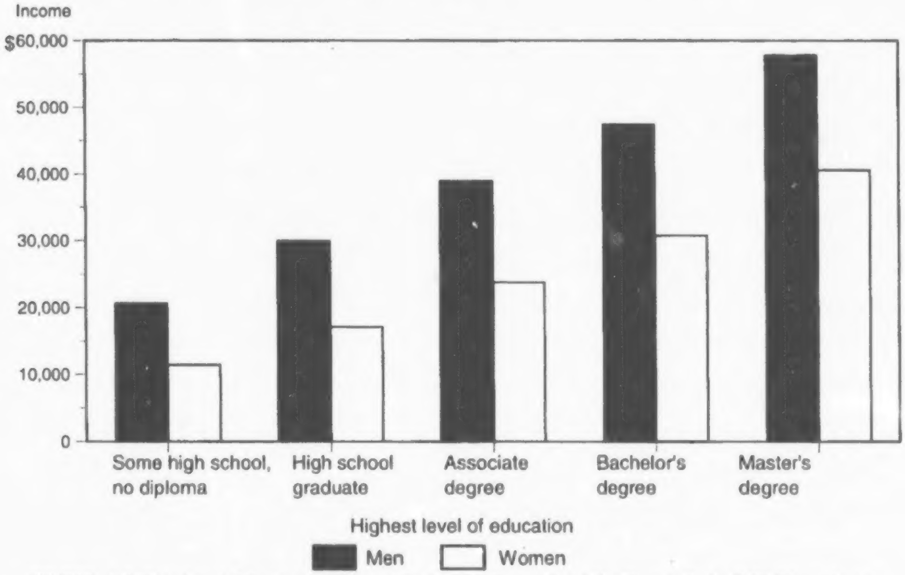
Figure 25.–Labor force status of 1999–2000 high school dropouts and graduates not enrolled in college: October 2000



NOTE: Detail may not sum to totals due to rounding.

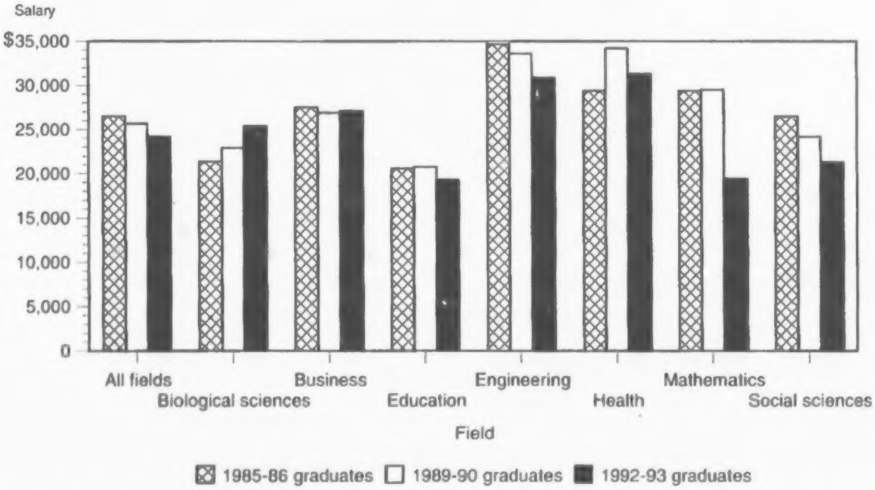
SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, "Employment Status of School Age Youth, High School Graduates and Dropouts, 2000."

Figure 26.–Median annual income of persons with income 25 years old and over, by highest level of education and sex: 1999



SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-60, "Money Income in the United States: 1999."

Figure 27.–Salaries of recent bachelor's degree recipients 1 year after graduation, by field: 1987, 1991, and 1994
[In constant 1994 dollars]



SOURCE: U.S. Department of Education, National Center for Education Statistics, "Recent College Graduates" surveys, 1987 and 1991, and "Baccalaureate and Beyond Longitudinal Study, First Follow-up" survey.

Table 377.—Percent of 18- to 25-year-olds reporting drug use during the past 30 days and the past year: 1982 to 1999

Drug	1982	1985	1988	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Percent reporting drug use during past 30 days												
Any illicit use	—	25.3	17.9	15.0	15.4	13.1	13.6	13.3	14.2	15.6	14.7	16.1	17.1
Marijuana	27.2	21.7	15.3	12.7	12.9	10.9	11.1	12.1	12.0	13.2	12.8	13.8	14.8
Cocaine	7.0	8.1	4.8	2.3	2.2	2.0	1.6	1.2	1.3	2.0	1.2	2.0	1.7
Alcohol	66.6	70.1	64.7	62.8	63.1	58.6	58.7	63.1	61.3	60.0	58.4	60.0	58.0
Cigarettes	—	47.4	45.6	40.9	41.7	41.5	37.9	34.6	35.3	38.3	40.6	41.6	39.7
	Percent reporting drug use during past year												
Any illicit use	—	37.4	29.1	26.1	26.6	24.1	24.2	24.6	25.5	26.8	25.3	27.4	29.6
Marijuana	37.4	34.0	26.1	23.0	22.9	21.2	21.4	21.8	21.8	23.8	22.3	24.1	24.8
Cocaine	15.9	13.6	10.5	6.5	6.7	5.5	4.4	3.6	4.3	4.7	3.9	4.7	5.3
Alcohol	80.6	84.2	79.6	78.1	80.7	75.6	76.9	78.5	76.5	75.3	75.1	74.2	75.0
Cigarettes	—	49.9	50.9	45.1	46.9	46.8	43.7	41.1	42.5	44.7	45.9	47.1	47.5

—Not available.

NOTE: Marijuana includes hashish usage for 1996 and later years. Some estimates from 1982 have been revised and may differ from previously published figures. Data for 1999 gathered using Computer Assisted Interviewing (CAI) and may not be directly comparable to previous years.

SOURCE: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, "National Household Survey on Drug Abuse: Main Findings," various years. (This table was prepared April 2001.)

Table 378.—Percent of 1972, 1982, and 1992 high school seniors who felt that certain life values were "very important," by sex: 1972 to 1994

Value	Percent of 1972 seniors						Percent of 1982 seniors						Percent of 1992 seniors				
	1972		1974 (2 years after high school)		1976 (4 years after high school)		1982		1984 (2 years after high school)		1986 (4 years after high school)		1992		1994 (2 years after high school)		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Being successful in work	86.5	83.0	81.2	74.9	80.3	69.7	88.2	85.5	88.7	84.2	84.0	77.2	89.0	89.6	90.1	89.9	90.3
Finding steady work	82.3	73.7	74.7	59.9	79.3	62.1	88.0	84.4	87.4	83.3	84.2	76.3	87.1	88.6	89.7	88.7	90.7
Having lots of money	26.0	9.8	17.8	9.1	17.7	9.4	41.3	24.1	35.8	20.9	27.8	16.9	45.3	29.4	35.2	39.5	30.9
Being a leader in the community	14.9	8.0	8.5	4.4	9.2	4.2	11.3	5.9	13.7	6.4	9.5	4.5	—	—	—	—	—
Correcting inequalities	22.5	31.1	16.6	18.2	16.2	17.1	11.8	11.7	13.3	13.9	10.7	10.9	17.0	23.6	—	—	—
Having children	—	—	—	—	—	—	37.0	47.0	42.7	56.3	41.4	56.2	39.0	49.2	—	—	—
Having a happy family life	78.6	85.7	83.1	86.7	84.2	86.4	81.6	86.3	86.1	90.2	86.8	87.8	—	—	—	—	—
Providing better opportunities for my children	66.6	66.2	59.5	61.6	59.8	58.8	71.0	68.7	72.1	69.9	68.4	67.4	74.5	76.5	90.5	90.3	90.8
Living closer to parents or relatives	6.8	8.2	8.3	12.4	7.7	11.9	15.0	15.7	15.6	20.1	12.9	19.8	15.2	18.7	—	—	—
Moving from area	14.3	14.6	8.3	7.4	6.7	6.4	14.4	12.8	10.5	9.1	9.0	7.4	20.7	20.1	—	—	—
Having strong friendships	81.2	78.7	76.5	74.7	76.1	72.1	80.4	79.1	80.1	79.7	76.5	75.0	79.8	80.0	87.6	88.1	87.0
Having leisure time	—	—	60.9	55.1	65.4	60.1	70.2	68.8	74.5	72.0	70.1	68.9	65.3	62.0	—	—	—

—Question not asked.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Longitudinal Study," "High School and Beyond" surveys, and "National Education Longitudinal Study," second and third followup surveys. (This table was prepared June 1995.)

Table 379.—Labor force participation of persons 16 years old and over, by age, sex, race/ethnicity, and highest level of education: 2000

Age, sex, and race/ethnicity	Labor force participation rate[1]						Employment/population ratio[2]					
	Total	Less than high school graduate[3]	High school graduate	College			Total	Less than high school graduate[3]	High school graduate	College		
				Some college, no degree	Associate degree	Bachelor's degree or higher				Some college, no degree	Associate degree	Bachelor's degree or higher
1	2	3	4	5	6	7	8	9	10	11	12	13
16 to 19 years old[4]	52.2	45.1	69.6	61.9	68.9	—	45.4	38.0	61.6	57.8	65.7	—
Men	53.0	46.3	73.1	60.3	76.8	—	45.6	38.6	64.6	56.0	70.1	—
Women	51.3	43.7	66.2	63.1	64.2	—	45.2	37.3	58.6	59.1	63.1	—
White[5]	55.7	48.7	72.5	65.1	72.0	—	49.3	41.9	65.6	61.1	68.6	—
Black[5]	39.2	32.5	58.4	49.0	43.9	—	29.5	23.3	44.4	43.5	40.7	—
Hispanic[6]	46.3	38.6	67.9	65.8	72.9	—	38.5	30.9	59.4	58.9	72.9	—
20 to 24 years old[4]	77.9	69.5	82.3	74.2	84.9	84.4	72.4	59.5	75.5	70.4	82.2	80.8
Men	82.6	83.0	88.2	75.0	88.3	86.5	76.6	72.8	80.9	71.0	85.6	82.7
Women	73.3	52.4	75.7	73.4	82.1	83.0	68.2	42.7	69.2	69.8	79.3	79.4
White[5]	79.9	72.0	84.4	75.9	86.1	86.6	75.3	63.8	78.8	72.6	83.7	83.1
Black[5]	71.8	59.7	75.6	71.1	80.9	80.7	61.0	41.6	63.2	64.4	75.9	75.7
Hispanic[6]	77.7	72.8	82.1	77.6	80.0	86.3	71.8	65.8	75.6	73.7	78.4	82.6
25 and older	67.4	43.1	64.6	72.2	78.1	79.5	65.4	40.4	62.3	70.1	76.3	78.2
Men	76.0	55.1	75.0	79.4	84.6	84.4	73.8	52.1	72.5	77.3	82.7	83.1
Women	59.7	32.4	55.8	65.7	73.2	74.2	57.8	29.8	53.8	63.7	71.4	72.9
White[5]	67.2	43.8	63.8	71.1	77.8	79.1	65.4	41.3	61.9	69.2	76.2	77.9
Black[5]	68.3	39.1	69.9	78.4	81.8	84.4	64.6	34.9	65.4	75.2	78.9	82.3
Hispanic[6]	70.2	60.3	74.0	79.4	81.6	82.9	67.1	56.5	71.1	76.9	79.3	81.1

—Too few sample cases for a reliable estimate.

[1] Percent of the civilian population who are employed or seeking employment.

[2] Number of persons employed as a percent of civilian population.

[3] Includes persons reporting no school years completed.

[4] Excludes persons enrolled in school.

[5] Includes persons of Hispanic origin.

[6] Hispanics may be of any race.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished tabulations of annual averages from the Current Population Survey. (This table was prepared April 2001.)

Table 380.—Occupation of employed persons 25 to 64 years old, by educational attainment and sex: 2000

Sex and occupation	Total employed, in thousands	Percentage distribution, by years of school completed							
		Total	Less than one year of high school	High school		College			
				1–4 years of high school, no diploma	High school graduate	Some college, no degree	Associate degree	Bachelor's degree	More than a bachelor's degree
1	2	3	4	5	6	7	8	9	10
All persons									
All occupational groups	110,542	100.0	3.4	6.2	31.3	18.7	9.4	20.6	10.5
Managerial and professional specialty	37,204	100.0	0.3	1.2	11.9	13.5	8.9	37.5	26.8
Executive, administrative, and managerial	18,162	100.0	0.5	1.8	19.0	19.2	9.0	35.2	15.2
Professional specialty occupations	19,041	100.0	0.2	0.5	5.1	8.0	8.8	39.7	37.8
Teachers, except college and university	4,772	100.0	0.1	0.5	4.8	6.3	3.5	47.5	37.3
Teachers, college and university	824	100.0	0.0	0.0	0.6	1.6	1.8	13.8	82.2
Technical, sales, and administrative support	30,698	100.0	0.9	3.3	34.4	25.6	12.1	20.0	3.8
Technicians and related support	3,761	100.0	0.2	1.2	19.7	23.4	23.6	26.2	5.6
Sales occupations	12,051	100.0	1.4	4.3	31.3	22.3	8.6	26.8	5.4
Administrative support, including clerical	14,887	100.0	0.6	3.0	40.6	28.8	12.0	13.0	2.0
Service occupations	12,885	100.0	7.4	12.3	42.6	20.0	8.5	7.8	1.4
Precision production, craft, and repair	12,915	100.0	5.3	11.0	46.0	20.1	10.3	6.2	1.1
Operators, fabricators, and laborers	14,363	100.0	8.6	14.5	50.3	15.9	5.2	4.6	0.8
Farming, forestry, and fishing	2,477	100.0	18.0	11.6	37.2	14.7	6.6	9.8	2.1
Men									
All occupational groups	59,215	100.0	4.1	6.8	31.1	18.2	8.2	20.6	11.1
Managerial and professional specialty	18,709	100.0	0.4	1.2	11.2	13.3	6.7	37.7	29.4
Executive, administrative, and managerial	9,950	100.0	0.6	1.9	16.9	17.5	7.4	38.3	17.4
Professional specialty occupations	8,759	100.0	0.1	0.4	4.8	8.6	5.9	37.0	43.1
Teachers, except college and university	1,173	100.0	0.0	0.4	3.8	6.4	2.7	44.2	42.5
Teachers, college and university	462	100.0	0.0	0.0	0.9	1.1	1.5	10.8	85.7
Technical, sales, and administrative support	11,180	100.0	1.2	2.8	26.6	23.8	10.6	28.7	6.3
Technicians and related support	1,807	100.0	0.3	1.1	17.9	22.9	19.0	31.3	7.5
Sales occupations	6,426	100.0	1.4	2.9	25.8	22.0	8.4	32.4	7.2
Administrative support, including clerical	2,947	100.0	1.4	3.5	33.8	28.4	10.1	19.2	3.6
Service occupations	4,908	100.0	7.5	9.5	37.7	23.2	9.5	10.7	2.0
Precision production, craft, and repair	11,731	100.0	5.2	11.0	45.9	20.3	10.6	5.9	1.0
Operators, fabricators, and laborers	10,753	100.0	7.8	14.0	50.1	16.8	5.5	4.9	0.9
Farming, forestry, and fishing	1,934	100.0	19.4	12.4	37.1	14.0	5.8	9.2	2.1
Women									
All occupational groups	51,328	100.0	2.6	5.4	31.4	19.3	10.7	20.7	9.8
Managerial and professional specialty	18,495	100.0	0.3	1.1	12.6	13.6	11.1	37.3	24.0
Executive, administrative, and managerial	8,212	100.0	0.5	1.7	21.5	21.3	10.9	31.4	12.6
Professional specialty occupations	10,282	100.0	0.2	0.6	5.5	7.4	11.3	41.9	33.2
Teachers, except college and university	3,598	100.0	0.1	0.6	5.1	6.3	3.7	48.6	35.6
Teachers, college and university	362	100.0	0.0	0.0	0.6	2.2	2.2	17.7	77.3
Technical, sales, and administrative support	19,518	100.0	0.7	3.6	38.8	26.6	12.9	15.0	2.3
Technicians and related support	1,954	100.0	0.2	1.3	21.4	24.0	27.8	21.5	3.8
Sales occupations	5,625	100.0	1.3	6.0	37.6	22.7	8.8	20.3	3.3
Administrative support, including clerical	11,940	100.0	0.4	2.9	42.3	28.9	12.5	11.4	1.6
Service occupations	7,978	100.0	7.4	14.0	45.6	18.0	7.9	6.1	1.1
Precision production, craft, and repair	1,184	100.0	6.3	10.7	46.7	18.3	7.3	8.9	1.8
Operators, fabricators, and laborers	3,611	100.0	11.1	16.2	50.8	13.2	4.4	3.8	0.5
Farming, forestry, and fishing	542	100.0	13.1	9.0	37.3	17.3	9.4	12.0	2.0

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished tabulations from the Current Population Survey. (This table was prepared April 2001.)

Table 381.—Unemployment rate of persons 16 years old and over, by age, sex, race/ethnicity, and highest degree attained: 1998, 1999, and 2000

Sex, race/ethnicity, and highest degree attained	Percent unemployed, 1998[1]				Percent unemployed, 1999[1]				Percent unemployed, 2000[1]			
	16- to 24-year-olds[2]			25 years old and over	16- to 24-year-olds[2]			25 years old and over	16- to 24-year-olds[2]			25 years old and over
	Total	16 to 19 years	20 to 24 years		Total	16 to 19 years	20 to 24 years		Total	16 to 19 years	20 to 24 years	
1	2	3	4	5	6	7	8	9	10	11	12	13
All persons												
All education levels	10.4	14.6	7.9	3.4	9.9	13.9	7.5	3.1	9.3	13.1	7.1	3.0
Less than a high school graduate	14.0	13.2	16.1	7.1	16.0	16.5	14.6	6.7	15.3	15.6	14.4	6.4
High school graduate, no college	10.1	12.5	9.1	4.0	9.7	12.3	8.6	3.5	9.3	11.6	8.3	3.5
Some college, no degree	6.3	7.7	5.9	3.2	5.9	7.3	5.4	3.0	5.5	6.7	5.1	2.9
Associate degree	4.3	—	4.1	2.5	4.7	6.7	4.6	2.5	3.2	3.2	3.2	2.3
Bachelor's degree or higher	4.0	—	4.1	1.8	4.7	—	4.8	1.8	4.2	—	4.2	1.7
Men												
All education levels	11.1	16.2	8.1	3.2	10.3	14.7	7.7	3.0	9.7	14.0	7.3	2.8
Less than a high school graduate	17.4	18.7	14.2	6.1	15.6	17.0	12.2	5.8	15.2	16.5	12.2	5.5
High school graduate, no college	10.0	13.6	8.5	3.9	9.7	12.3	8.6	3.3	9.2	11.7	8.2	3.4
Some college, no degree	6.7	8.7	6.2	3.0	6.2	8.2	5.7	2.8	5.7	7.2	5.4	2.7
Associate degree	4.2	—	—	2.3	5.3	9.1	5.2	2.5	3.2	7.7	3.0	2.3
Bachelor's degree or higher	4.3	—	4.3	1.6	5.8	—	5.7	1.8	4.2	—	4.2	1.5
Women												
All education levels	9.8	12.9	7.8	3.6	9.5	13.2	7.2	3.3	8.9	12.1	7.0	3.2
Less than a high school graduate	16.6	15.8	20.0	8.6	16.6	15.9	19.1	8.2	15.4	14.5	18.6	7.8
High school graduate, no college	10.3	11.4	9.8	4.1	9.8	12.3	8.6	3.7	9.5	11.5	8.5	3.5
Some college, no degree	5.9	7.0	5.6	3.4	5.6	6.8	5.2	3.2	5.2	6.3	4.9	3.0
Associate degree	4.5	—	4.2	2.7	4.2	5.3	4.2	2.5	3.2	—	3.3	2.4
Bachelor's degree or higher	3.8	—	3.9	2.0	4.1	—	4.1	1.8	4.2	—	4.3	1.8
White[3]												
All education levels	8.8	12.6	6.5	3.0	8.5	12.0	6.3	2.8	7.9	11.4	5.8	2.6
Less than a high school graduate	14.3	14.9	12.6	6.3	13.7	14.3	12.1	5.9	13.2	13.8	11.4	5.6
High school graduate, no college	8.4	10.8	7.2	3.4	8.0	10.3	7.0	3.0	7.5	9.5	6.6	3.0
Some college, no degree	5.5	6.9	5.1	2.8	5.0	6.4	4.6	2.7	4.7	6.1	4.3	2.6
Associate degree	3.9	—	3.7	2.2	4.4	8.0	4.2	2.3	2.9	3.7	2.8	2.1
Bachelor's degree or higher	3.9	—	3.9	1.7	4.6	—	4.6	1.7	4.0	—	4.0	1.6
Black[3]												
All education levels	20.7	27.6	16.8	6.4	19.2	27.9	14.6	5.7	18.2	24.7	15.0	5.4
Less than a high school graduate	33.1	33.1	33.2	11.6	31.2	32.3	28.7	11.6	29.1	28.4	30.3	10.7
High school graduate, no college	19.5	22.8	18.2	7.4	18.6	24.6	16.4	6.3	18.3	23.9	16.4	6.5
Some college, no degree	11.2	14.0	10.6	5.5	10.8	15.4	10.0	4.7	9.7	11.1	9.4	4.2
Associate degree	8.1	—	—	4.0	8.0	20.0	7.4	3.8	6.3	—	6.4	3.5
Bachelor's degree or higher	4.6	—	4.6	2.9	5.7	—	5.7	2.7	5.6	—	5.7	2.5
Hispanic origin[4]												
All education levels	13.2	21.3	9.3	5.5	11.8	18.7	8.3	5.0	10.6	16.7	7.5	4.4
Less than a high school graduate	17.9	24.3	11.9	7.2	16.1	21.3	11.1	7.1	14.4	19.9	9.6	6.3
High school graduate, no college	11.6	17.3	9.6	5.5	10.2	15.4	8.3	4.7	9.1	12.6	7.9	3.9
Some college, no degree	7.9	12.4	7.0	4.0	7.2	11.4	6.1	3.4	6.4	10.4	5.1	3.2
Associate degree	—	—	—	3.4	4.3	—	4.4	3.1	2.4	—	2.5	2.9
Bachelor's degree or higher	—	—	—	3.2	4.1	—	4.1	2.5	4.6	—	4.7	2.2

—Not available.

[1] The unemployment rate is the percent of individuals in the labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks. The labor force includes both employed and unemployed persons.

[2] Excludes persons enrolled in school.

[3] Includes persons of Hispanic origin.

[4] Persons of Hispanic origin may be of any race.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished tabulations of annual averages from the Current Population Survey. (This table was prepared April 2001.)

Table 382.—Median annual income of year-round, full-time workers 25 years old and over, by level of education completed and sex: 1989 to 1999

Sex and year	Total	Elementary/secondary			College						
		Less than 9th grade	9th to 12th grade, no diploma[1]	High school graduate[2]	Some college, no degree[3]	Associate degree[4]	Bachelor's degree or higher[5]				
							Total[5]	Bachelor's[6]	Master's[4]	Professional[4]	Doctorate[4]
1	2	3	4	5	6	7	8	9	10	11	12
	Current dollars										
Men											
1989	$30,465	$17,555	$21,065	$26,609	$31,308	—	$41,892	$38,565	—	—	—
1990	30,733	17,394	20,902	26,653	31,734	—	42,671	39,238	—	—	—
1991	31,613	17,623	21,402	26,779	31,663	$33,817	45,138	40,906	$49,734	$73,996	$57,187
1992	32,057	17,294	21,274	27,280	32,103	33,433	45,802	41,355	49,973	76,220	57,418
1993	32,359	16,863	21,752	27,370	32,077	33,690	47,740	42,757	51,867	80,549	63,149
1994	33,440	17,532	22,048	28,037	32,279	35,794	49,228	43,663	53,500	75,009	61,921
1995	34,551	18,354	22,185	29,510	33,883	35,201	50,481	45,266	55,216	79,667	65,336
1996	35,622	17,962	22,717	30,709	34,845	37,131	51,436	45,846	60,508	85,963	71,227
1997	36,678	19,291	24,726	31,215	35,945	38,022	53,450	48,616	61,690	85,011	76,234
1998	37,906	19,380	23,958	31,477	36,934	40,274	56,524	51,405	62,244	94,737	75,078
1999	40,333	20,429	25,035	33,184	39,221	41,638	60,201	52,985	66,243	100,000	81,687
Women											
1989	20,570	12,188	13,923	17,528	21,631	—	28,799	26,709	—	—	—
1990	21,372	12,251	14,429	18,319	22,227	—	30,377	28,017	—	—	—
1991	22,043	12,066	14,456	18,836	22,143	25,000	31,310	29,079	34,949	46,742	43,303
1992	23,139	12,958	14,559	19,427	23,157	25,624	32,304	30,326	36,037	46,257	45,790
1993	23,629	12,415	15,386	19,963	23,056	25,883	34,307	31,197	38,612	50,211	47,248
1994	24,399	12,430	15,133	20,373	23,514	25,940	35,378	31,741	39,457	50,615	51,119
1995	24,875	13,577	15,826	20,463	23,997	27,311	35,259	32,051	40,263	50,000	48,141
1996	25,808	14,414	16,953	21,175	25,167	28,083	36,461	33,525	41,901	57,624	56,267
1997	26,974	14,161	16,697	22,067	26,335	28,812	38,038	35,379	44,949	61,051	53,037
1998	27,956	14,467	16,482	22,780	27,420	29,924	39,786	36,559	45,283	57,565	57,796
1999	28,844	15,098	17,015	23,061	27,757	30,919	41,747	37,993	48,097	59,904	60,079
	Constant 1999 dollars										
Men											
1989	$40,931	$23,586	$28,302	$35,750	$42,064	—	$56,284	$51,814	—	—	—
1990	39,175	22,172	26,643	33,974	40,451	—	54,392	50,016	—	—	—
1991	38,669	21,556	26,179	32,756	38,730	$41,365	55,213	50,036	$60,835	$90,512	$69,951
1992	38,066	20,536	25,262	32,394	38,121	39,700	54,388	49,107	59,341	90,508	68,181
1993	37,308	19,442	25,079	31,556	36,983	38,843	55,041	49,296	59,800	92,868	72,807
1994	37,592	19,709	24,785	31,518	36,287	40,238	55,340	49,084	60,142	84,322	69,609
1995	37,770	20,064	24,252	32,260	37,040	38,481	55,185	49,484	60,361	87,090	71,424
1996	37,824	19,072	24,121	32,608	36,999	39,427	54,616	48,680	64,249	91,277	75,630
1997	38,072	20,024	25,666	32,401	37,311	39,467	55,481	50,464	64,035	88,242	79,131
1998	38,743	19,808	24,487	32,172	37,750	41,163	57,772	52,540	63,619	96,829	76,736
1999	40,333	20,429	25,035	33,184	39,221	41,638	60,201	52,985	66,243	100,000	81,687
Women											
1989	27,637	16,375	18,706	23,550	29,062	—	38,693	35,885	—	—	—
1990	27,242	15,616	18,392	23,351	28,332	—	38,721	35,713	—	—	—
1991	26,963	14,759	17,681	23,040	27,085	30,580	38,298	35,569	42,750	57,175	52,968
1992	27,477	15,387	17,288	23,069	27,498	30,427	38,360	36,011	42,792	54,928	54,374
1993	27,243	14,314	17,739	23,016	26,582	29,842	39,554	35,968	44,517	57,890	54,474
1994	27,428	13,973	17,012	22,902	26,433	29,161	39,770	35,682	44,356	56,899	57,466
1995	27,193	14,842	17,300	22,370	26,233	29,856	38,544	35,037	44,015	54,659	52,627
1996	27,404	15,305	18,001	22,484	26,723	29,819	38,715	35,598	44,491	61,186	59,746
1997	27,999	14,699	17,332	22,906	27,336	29,907	39,484	36,724	46,657	63,371	55,053
1998	28,573	14,787	16,846	23,283	28,026	30,585	40,665	37,366	46,283	58,836	59,072
1999	28,844	15,098	17,015	23,061	27,757	30,919	41,747	37,993	48,097	59,904	60,079
	Number with income (in thousands)										
Men											
1989	44,596	2,425	3,312	16,392	9,028	—	13,439	7,473	—	—	—
1990	44,406	2,250	3,315	16,394	9,113	—	13,334	7,569	—	—	—
1991	44,199	1,807	3,083	15,025	8,034	2,899	13,350	8,456	3,073	1,147	674
1992	44,752	1,815	3,009	14,722	8,067	3,203	13,937	8,719	3,178	1,295	745
1993	45,873	1,790	3,083	14,604	8,493	3,557	14,346	9,178	3,131	1,231	808
1994	47,566	1,895	3,057	15,109	8,783	3,735	14,987	9,636	3,225	1,258	868
1995	48,500	1,946	3,335	15,331	8,908	3,926	15,054	9,597	3,395	1,208	853
1996	49,764	2,041	3,441	15,840	9,173	3,931	15,339	9,898	3,272	1,277	893
1997	50,807	1,914	3,548	16,225	9,170	4,086	15,864	10,349	3,228	1,321	966
1998	52,381	1,870	3,613	16,442	9,375	4,347	16,733	11,058	3,414	1,264	998
1999	53,062	1,993	3,295	16,589	9,684	4,359	17,142	11,142	3,725	1,267	1,008
Women											
1989	28,056	906	1,830	11,785	6,217	—	7,318	4,465	—	—	—
1990	28,636	847	1,861	11,810	6,462	—	7,655	4,704	—	—	—
1991	29,474	733	1,819	10,959	5,633	2,523	7,807	5,263	2,025	312	206
1992	30,346	734	1,659	11,039	5,904	2,655	8,355	5,604	2,192	334	225
1993	30,683	765	1,576	10,513	6,279	3,067	8,483	5,735	2,166	323	260
1994	31,379	696	1,675	10,785	6,256	3,210	8,756	5,901	2,174	398	283
1995	32,673	774	1,763	11,064	6,329	3,336	9,406	6,434	2,268	421	283
1996	33,549	750	1,751	11,363	6,582	3,468	9,636	6,689	2,213	413	322
1997	34,624	791	1,765	11,475	6,628	3,538	10,427	7,173	2,448	488	318
1998	35,628	814	1,878	11,613	7,070	3,527	10,725	7,288	2,639	468	329
1999	37,091	886	1,883	11,824	7,453	3,804	11,242	7,607	2,818	470	346

—Not available.

[1] Includes 1 to 3 years high school for 1989 and 1990.

[2] Includes 4 years of high school for 1989 and 1990, and equivalency certificates for the other years.

[3] Includes 1 to 3 years of college and associate degrees for 1989 and 1990.

[4] Not reported separately for 1989 and 1990.

[5] Includes 4 or more years of college for 1989 and 1990.

[6] Includes 4 years of college for 1989 and 1990.

NOTE: Data for 1992 and later years are based on 1990 Census counts. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P–60, "Money Income of Households, Families, and Persons in the United States," "Income, Poverty, and Valuation of Noncash Benefits," various years; and Series P–60, "Money Income in the United States," various years. (This table was prepared April 2001.)

Table 383.—Total annual money income and median income of persons 25 years old and over, by educational attainment and sex: 1999

Sex, earnings, and age	Total	Less than 9th grade	Some high school (no diploma)	High school graduate (includes equivalency)	College						
					Some college, no degree	Associate degree	Bachelor's or higher degree				
							Total	Bachelor's degree	Master's degree	Professional degree	Doctor's degree
1	2	3	4	5	6	7	8	9	10	11	12
	Number, in thousands										
Men, 25 years old and over											
Total	83,611	5,918	7,298	26,651	14,540	5,952	23,251	14,909	5,166	1,752	1,425
With income	65,412	2,833	4,608	20,656	11,908	5,175	20,232	13,057	4,462	1,480	1,233
	Percentage distribution of men with income										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
$1 to $4,999 or loss	5.0	9.9	9.3	5.3	5.2	4.0	3.1	2.9	4.0	2.5	3.3
$5,000 to $9,999	4.4	13.0	8.6	5.1	4.1	3.2	2.1	2.4	2.0	1.0	1.1
$10,000 to $14,999	6.4	19.1	14.5	7.2	5.2	4.7	3.1	3.6	2.0	2.0	2.0
$15,000 to $24,999	16.8	32.9	28.4	21.7	17.0	14.7	7.5	8.6	5.9	4.6	4.6
$25,000 to $34,999	17.5	13.7	19.9	22.0	19.4	18.0	11.7	13.5	9.9	5.5	6.6
$35,000 to $49,999	20.4	7.5	13.0	22.2	24.0	25.6	18.5	21.4	14.7	10.2	11.7
$50,000 to $74,999	17.1	2.8	4.9	12.4	16.8	21.6	25.9	25.8	29.9	15.7	24.1
$75,000 and over	12.3	1.1	1.5	4.1	8.3	8.2	28.2	21.9	31.5	58.4	46.6
Median income	$34,850	$16,704	$20,604	$29,917	$34,270	$36,885	$51,815	$47,419	$57,841	$86,523	$71,531
	Number, in thousands										
Women, 25 years old and over											
Total	91,620	6,261	8,377	31,435	16,213	7,740	21,595	14,931	5,230	834	599
With income	58,225	1,673	3,489	18,756	11,483	5,844	16,980	11,548	4,238	687	507
	Percentage distribution of women with income										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
$1 to $4,999 or loss	11.2	22.7	20.9	12.9	11.0	9.3	7.1	7.9	5.7	5.4	5.3
$5,000 to $9,999	10.4	22.2	21.1	12.7	9.9	8.4	5.5	5.9	5.2	2.3	1.8
$10,000 to $14,999	12.3	26.6	22.1	16.0	11.9	10.4	5.6	6.7	3.3	3.6	3.6
$15,000 to $24,999	23.5	21.5	24.5	29.8	26.2	24.6	14.3	16.7	8.6	9.5	11.6
$25,000 to $34,999	18.1	4.1	8.1	17.2	20.2	22.4	19.5	21.8	16.0	11.1	8.3
$35,000 to $49,999	14.1	2.0	2.4	8.6	13.3	17.3	23.4	21.7	28.7	22.6	20.9
$50,000 to $74,999	7.5	0.7	0.7	2.3	5.5	5.9	17.3	14.1	24.6	18.6	26.2
$75,000 and over	2.9	0.4	0.4	0.6	2.0	1.8	7.3	5.2	8.1	26.8	22.1
Median income	$21,417	$10,754	$11,432	$17,126	$21,426	$23,760	$33,370	$30,730	$40,553	$45,926	$46,949

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Money Income in the United States: 1999." (This table was prepared in April 2001.)

Table 384.—College enrollment and labor force status of 1999 and 2000 high school graduates, by sex and race/ethnicity: October 1999 and October 2000

[Numbers in thousands]

Item	Civilian noninstitutional population			Civilian labor force[1]						Not in labor force
						Employed		Unemployed		
	Number	Percent	Percent of high school graduates	Number	Labor force participation rate	Number	Percent of population	Number	Unemployment rate	
1	2	3	4	5	6	7	8	9	10	11
1999 high school graduates[2]										
Total	2,897	100.0	100.0	1,749	60.4	1,536	53.0	213	12.2	1,148
Men	1,474	50.9	50.9	928	62.9	821	55.7	107	11.5	546
Women	1,423	49.1	49.1	821	57.7	715	50.3	106	12.9	602
White[3]	2,287	78.9	78.9	1,434	62.7	1,282	56.0	152	10.6	853
Black[3]	453	15.6	15.6	235	51.8	185	40.8	50	21.3	218
Hispanic origin[4]	329	11.4	11.4	217	66.2	158	47.9	60	27.5	111
Enrolled in college, October 1999	1,822	100.0	62.9	845	46.4	790	43.3	55	6.5	977
Men	905	49.7	31.2	427	47.1	400	44.2	26	6.2	479
Women	917	50.3	31.7	418	45.6	389	42.5	29	6.8	499
2-year	609	33.4	21.0	387	63.5	366	60.0	21	5.5	222
4-year	1,213	66.6	41.9	458	37.8	424	35.0	34	7.4	755
Full-time students	1,677	92.0	57.9	715	42.7	671	40.0	44	6.1	962
Part-time students	145	8.0	5.0	129	89.2	118	81.6	11	8.5	16
White[3]	1,437	78.9	49.6	706	49.2	668	46.5	38	5.4	730
Black[3]	268	14.7	9.3	87	32.4	75	27.9	12	13.9	181
Hispanic origin[4]	139	7.6	4.8	61	43.6	45	32.5	15	([6])	78
Not enrolled in college, October 1999	1,075	100.0	37.1	904	84.2	746	69.4	158	17.5	170
Men	568	52.8	19.6	501	88.1	420	73.9	81	16.1	67
Women	506	47.1	17.5	403	79.7	326	64.4	78	19.2	103
White[3]	851	79.2	29.4	728	85.6	614	72.2	114	15.6	123
Black[3]	185	17.2	6.4	148	80.0	110	59.5	38	25.6	37
Hispanic origin[4]	190	17.7	6.6	157	82.7	112	59.3	44	28.3	33
2000 high school graduates[5]										
Total	2,756	100.0	100.0	1,629	59.1	1,473	53.5	155	9.5	1,127
Men	1,251	45.4	45.4	767	61.3	703	56.2	64	8.3	484
Women	1,505	54.6	54.6	862	57.3	770	51.2	92	10.6	643
White[3]	2,219	80.5	80.5	1,366	61.5	1,260	56.8	105	7.7	854
Black[3]	404	14.7	14.7	193	47.7	159	39.4	33	17.3	212
Hispanic origin[4]	300	10.9	10.9	208	69.2	191	63.7	16	7.9	93
Enrolled in college, October 2000	1,745	100.0	63.3	818	46.8	769	44.0	49	6.0	928
Men	749	42.9	27.2	365	48.7	353	47.1	12	3.3	385
Women	996	57.1	36.1	453	45.5	416	41.8	37	8.2	543
2-year	589	33.8	21.4	380	64.5	359	61.0	21	5.5	209
4-year	1,156	66.2	41.9	437	37.8	410	35.4	28	6.4	719
Full-time students	1,592	91.2	57.8	697	43.8	650	40.8	48	6.8	895
Part-time students	154	8.8	5.6	120	78.4	119	77.6	1	1.1	33
White[3]	1,420	81.4	51.5	695	48.9	660	46.5	35	5.1	725
Black[3]	227	13.0	8.2	84	36.8	78	34.2	6	7.0	143
Hispanic origin[4]	159	9.1	5.8	101	63.3	94	59.2	6	6.4	58
Not enrolled in college, October 2000	1,010	100.0	36.6	811	80.3	705	69.7	106	13.1	199
Men	501	49.6	18.2	402	80.1	350	69.8	52	12.9	100
Women	509	50.4	18.5	409	80.4	354	69.6	55	13.4	100
White[3]	799	79.1	29.0	670	83.9	601	75.1	70	10.4	129
Black[3]	177	17.5	6.4	109	61.5	82	46.0	28	25.2	68
Hispanic origin[4]	141	14.0	5.1	107	75.8	97	68.8	10	9.3	34

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[1] The labor force includes all employed persons plus those seeking employment. The labor force participation rate is the percentage of persons either employed or seeking employment.

[2] Includes 16- to 24-year-olds who graduated from high school between January and October 1999.

[3] Includes persons of Hispanic origin.

[4] Persons of Hispanic origin may be of any race.

[5] Includes 16- to 24-year-olds who graduated from high school between January and October 2000.

[6] Data not shown where base is less than 75,000.

NOTE: Data are based upon sample surveys of the civilian noninstitutional population. Percents are only shown when the base is 75,000 or greater. Even though the standard errors are large, smaller estimates are shown to permit users to combine categories in various ways. Detail may not sum to totals due to rounding. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" groups are not presented and Hispanics are included in both the white and black population groups.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, "College Enrollment and Work Activity of 2000 High School Graduates." (This table was prepared April 2001.)

Table 385.—Labor force status of 1979–80 to 1999–2000 high school dropouts, by sex and race/ethnicity: October 1980 to October 2000

[Numbers in thousands]

Year, sex, and race	Dropouts		Dropouts in civilian labor force[1]						Not in labor force	
	Number	Percent of total	Number	Labor force participation rate	Employed		Unemployed		Number	Percent of population
					Number	Percent of dropouts	Number	Unemployment rate		
1	2	3	4	5	6	7	8	9	10	11
All dropouts[2]										
1980	739	100.0	471	63.7	322	43.6	149	31.6	268	36.3
1985	612	100.0	413	67.5	266	43.5	147	35.6	199	32.5
1990	405	100.0	280	69.0	189	46.7	90	32.3	125	31.0
1994	510	100.0	311	61.1	219	42.9	93	29.8	198	38.9
1995	604	100.0	409	67.7	288	47.7	121	29.6	195	32.3
1996	496	100.0	289	58.4	210	42.3	80	27.6	206	41.6
1997	502	100.0	302	60.2	225	44.9	77	25.4	200	39.8
1998	505	100.0	308	60.9	221	43.7	87	28.2	197	39.1
1999	524	100.0	300	57.3	222	42.4	78	26.1	224	42.7
2000	515	100.0	350	68.0	252	48.9	99	28.1	165	32.0
Men										
1980	422	57.1	305	72.3	212	50.2	93	30.5	117	27.7
1985	321	52.5	261	81.3	163	50.8	98	37.5	60	18.7
1990	215	53.1	173	80.2	110	51.2	63	36.2	42	19.8
1994	259	50.8	198	76.5	151	58.2	47	23.9	61	23.5
1995	339	56.1	251	74.0	179	52.8	72	28.7	88	26.0
1996	241	48.6	178	74.0	123	51.0	56	31.1	63	26.0
1997	289	57.6	207	71.8	165	57.2	42	20.3	81	28.2
1998	257	50.9	164	63.9	133	51.8	31	19.0	93	36.1
1999	243	46.4	162	66.8	120	49.5	42	25.8	81	33.2
2000	295	57.3	220	74.4	166	56.2	54	24.5	76	25.6
Women										
1980	317	42.9	166	52.4	110	34.7	56	33.7	151	47.6
1985	291	47.5	152	52.2	103	35.4	49	32.2	139	47.8
1990	190	46.9	107	56.3	79	41.6	28	26.1	83	43.7
1994	251	49.2	113	45.2	68	27.1	45	40.0	137	54.8
1995	265	43.9	157	59.5	109	41.1	49	30.9	107	40.5
1996	255	51.4	111	43.6	87	34.1	24	21.8	144	56.4
1997	213	42.4	95	44.4	60	28.1	35	36.6	119	55.6
1998	248	49.1	143	57.8	88	35.4	56	38.7	105	42.2
1999	282	53.8	139	49.2	102	36.2	37	26.4	143	50.8
2000	220	42.7	131	59.4	86	39.1	45	34.2	90	40.6
White[3]										
1980	580	78.5	392	67.6	286	49.3	106	27.0	188	32.4
1985	458	74.8	330	72.1	214	46.7	116	35.2	128	27.9
1990	303	74.8	211	69.8	156	51.4	56	26.3	92	30.2
1994	382	74.9	252	66.0	177	46.3	75	29.8	130	34.0
1995	448	74.2	312	69.8	227	50.8	85	27.2	135	30.2
1996	365	73.6	238	65.1	178	48.6	60	25.3	127	34.9
1997	386	76.9	250	64.8	199	51.5	51	20.5	136	35.2
1998	384	76.0	257	67.0	194	50.6	63	24.5	127	33.0
1999	377	71.9	227	60.3	174	46.1	54	23.6	150	39.7
2000	384	74.6	280	73.0	210	54.8	70	24.9	104	27.0
Black[3]										
1980	146	19.8	73	50.0	33	22.6	40	(4)	73	50.0
1985	132	21.6	69	52.3	39	29.5	30	(4)	63	47.7
1990	86	21.2	56	65.3	26	29.9	30	(4)	30	34.7
1994	100	19.6	48	47.9	34	34.1	14	(4)	52	52.1
1995	109	18.0	66	61.0	40	36.4	27	(4)	42	39.0
1996	111	22.4	40	35.7	23	20.7	17	(4)	71	64.3
1997	90	17.9	41	45.1	18	20.4	22	(4)	49	54.9
1998	98	19.4	46	47.2	24	24.2	23	(4)	52	52.8
1999	118	22.5	59	50.0	39	33.0	20	(4)	59	50.0
2000	111	21.5	58	51.9	31	27.5	27	(4)	53	48.1
Hispanic[5]										
1980	91	12.3	60	65.9	43	47.3	17	(4)	31	34.1
1985	106	17.3	73	68.9	40	37.7	33	(4)	33	31.1
1990	67	16.5	32	(4)	22	(4)	10	(4)	35	(4)
1994	108	21.2	51	47.5	31	28.6	20	(4)	57	52.5
1995	174	28.8	119	68.6	84	48.5	35	29.3	55	31.4
1996	105	21.2	71	67.7	57	54.5	14	(4)	34	32.3
1997	121	24.1	88	73.1	73	60.4	15	17.4	32	26.9
1998	120	23.8	82	68.5	60	50.0	22	27.1	38	31.5
1999	119	22.7	85	71.4	75	62.8	10	12.0	34	28.6
2000	101	19.6	62	61.1	39	39.0	22	(4)	39	38.9

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[1] The labor force includes all employed persons plus those seeking employment. The labor force participation rate is the percentage of persons either employed or seeking employment. The unemployment rate is the percent of persons in the labor force who are seeking employment.

[2] Persons 16 to 24 years old who dropped out of school in the 12-month period ending in October of years shown.

[3] Includes persons of Hispanic origin.

[4] Data not shown where base is less than 75,000.

[5] Persons of Hispanic origin may be of any race.

NOTE: Data are based upon sample surveys of the civilian noninstitutional population. Includes dropouts from any grade, including a small number from elementary and middle schools. Percents are only shown when the base is 75,000 or greater. Even though the standard errors are large, smaller estimates are shown to permit users to combine categories in various ways. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *College Enrollment of High School Graduates*, various years. (This table was prepared April 2001.)

Table 386.—Employment of 12th-graders, by selected student characteristics: 1992

Employment characteristics	Total	Sex		Race/ethnicity					Socioeconomic status [1]				Location of school attended		
		Male	Female	White	Black	Hispanic	Asian	American Indian	Low	Middle low	Middle high	High	Urban	Suburban	Rural
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Percentage distribution														
Average hours worked per week during senior year															
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Did not work during year	31.8	33.0	30.7	27.6	47.4	38.9	43.3	45.0	38.2	29.8	28.2	32.5	35.6	29.4	31.6
1 to 5 hours	6.8	6.0	7.6	7.0	4.9	6.0	9.5	8.5	5.2	5.5	5.8	10.1	6.7	6.6	7.2
6 to 10 hours	9.8	8.9	10.7	11.2	6.5	5.3	6.7	5.6	6.7	8.3	10.6	12.6	9.4	9.6	10.6
11 to 15 hours	12.7	11.1	14.4	14.1	7.2	11.3	9.3	6.2	9.5	11.9	13.7	15.0	12.2	13.6	12.1
16 to 20 hours	16.1	15.0	17.2	17.3	11.9	13.3	13.5	12.5	13.4	18.6	18.4	14.0	14.3	16.3	14.9
More than 20 hours	22.7	26.0	19.5	22.8	22.1	25.2	17.7	22.3	27.1	25.9	23.3	15.8	21.7	22.5	23.7
21 to 25 hours	9.8	10.2	9.5	10.0	8.8	10.7	8.1	12.0	10.2	10.9	10.8	8.0	9.5	10.6	9.1
26 to 30 hours	5.6	6.5	4.8	5.5	6.4	6.6	4.4	3.8	6.8	6.4	5.9	3.4	5.3	5.7	5.8
31 to 35 hours	2.5	3.1	1.9	2.6	2.4	2.4	0.8	5.0	3.6	3.2	2.4	1.3	2.3	2.5	2.7
36 to 40 hours	3.3	4.2	2.4	3.3	2.9	4.1	3.7	0.9	4.3	4.2	2.7	2.1	3.3	2.4	4.3
More than 40 hours	1.5	2.0	1.0	1.5	1.7	1.4	0.8	0.7	2.2	1.4	1.6	1.0	1.3	1.4	1.8
Most recent type of work for employed students															
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lawn work or odd jobs	2.2	4.2	0.3	2.5	0.8	0.9	1.7	5.3	2.3	2.0	2.1	2.5	1.3	2.2	2.9
Food service	24.0	22.2	25.7	22.8	34.8	24.8	22.9	24.6	28.0	26.6	25.1	18.6	23.6	23.1	25.4
Delivery person	1.6	2.5	0.6	1.5	1.9	1.1	3.2	1.3	0.8	1.7	1.3	2.1	1.5	1.7	1.5
Babysitter or child care	4.3	0.6	7.9	4.8	2.4	2.2	5.0	1.1	3.2	3.9	4.5	5.4	4.9	4.4	3.9
Camp counselor/life guard	0.7	0.8	0.7	0.9	(2)	0.5	0.6	(2)	0.2	0.3	0.9	1.3	0.8	0.9	0.5
Farm worker	2.2	4.4	0.1	2.7	(2)	1.1	(2)	(2)	3.7	3.3	1.6	1.1	0.2	1.1	5.5
Mechanic	1.4	2.8	(2)	1.5	0.7	1.5	1.0	1.4	2.0	1.8	1.5	0.6	1.0	1.3	1.9
Grocery clerk or cashier	14.5	12.5	16.4	14.8	15.9	11.6	8.5	25.7	15.5	16.6	14.5	12.3	14.2	13.4	16.4
Beautician	0.2	0.1	0.3	0.1	1.1	0.3	(2)	(2)	0.6	0.2	0.2	0.1	0.2	0.2	0.3
House cleaning	0.9	0.7	1.1	0.8	0.8	2.0	0.6	(2)	1.5	0.6	1.2	0.6	0.7	0.6	1.4
Construction	2.0	4.0	0.1	2.1	1.0	1.9	0.9	2.0	2.6	2.3	1.9	1.4	1.4	1.8	2.7
Office or clerical	6.9	2.9	10.7	6.3	9.2	8.7	12.1	5.8	6.3	6.0	7.2	8.0	9.0	6.8	5.4
Health services	1.6	0.9	2.3	1.6	2.1	1.1	1.0	4.5	2.5	2.0	1.4	0.9	1.5	1.6	1.7
Salesperson	11.8	9.8	13.7	12.0	8.7	11.9	15.0	7.9	7.2	8.8	12.5	15.8	13.4	14.1	7.3
Warehouse worker	2.1	3.9	0.4	2.2	1.3	1.7	2.0	2.3	1.7	2.5	1.9	2.1	2.0	2.3	1.9
Other	23.5	27.7	19.6	23.5	19.3	28.8	25.4	18.3	22.0	21.4	22.3	27.4	24.4	24.6	21.3
Most recent hourly wage for employed students															
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $4.25 per hour	9.9	7.2	12.4	10.3	8.3	8.8	7.9	5.8	12.2	11.4	9.0	8.0	7.9	7.5	14.8
$4.25 to $6.00 per hour	77.5	75.6	79.2	76.7	80.9	81.1	77.0	79.3	79.0	76.8	80.0	74.8	80.1	77.0	75.8
$6.01 to $8.00 per hour	7.7	10.3	5.3	8.0	5.8	6.1	10.7	6.7	5.3	8.3	6.8	9.3	7.3	9.2	6.1
$8.01 or more per hour	5.0	6.9	3.2	5.1	5.0	4.0	4.5	8.3	3.5	3.5	4.1	7.9	4.8	6.3	3.4

[1] Socioeconomic status was measured by a composite score of parental education and occupations and family income. The "Low" SES group is the lowest quartile.

[2] Less than 0.05 percent.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988," Second Follow-up survey. (This table was prepared August 1995.)

Table 387.—Full-time employment status of bachelor's degree recipients 1 year after graduation, by field of study: 1976 to 1991

Field of study	Percent employed full-time					Percent employed full-time in a job closely related to field of study					Percent employed full-time in nonprofessional job[1]				
	1974–75 graduates in May 1976	1979–80 graduates in May 1981	1983–84 graduates in June 1985	1985–86 graduates in June 1987	1989–90 graduates in April 1991	1974–75 graduates in May 1976	1979–80 graduates in May 1981	1983–84 graduates in June 1985	1985–86 graduates in June 1987	1989–90 graduates in April 1991	1974–75 graduates in May 1976	1979–80 graduates in May 1981	1983–84 graduates in June 1985	1985–86 graduates in June 1987	1989–90 graduates in April 1991
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Total	**67**	**71**	**73**	**74**	**74**	**35**	**38**	**38**	**38**	**39**	**10**	**12**	**13**	**14**	**13**
Professional/technical fields	77	80	82	81	80	51	51	47	47	48	9	10	13	11	11
Arts and sciences fields	56	56	56	62	64	18	17	15	25	26	12	14	15	15	14
Other	65	74	75	74	73	36	43	47	36	38	9	19	12	17	13
Newly qualified to teach	66	75	73	68	74	43	56	54	47	58	7	8	9	9	6
Not newly qualified to teach	67	71	73	74	73	33	36	36	37	36	12	13	13	14	14
Professional/technical fields	80	81	82	82	83	52	49	47	47	48	10	10	13	11	12
Engineering	79	84	84	83	84	57	55	53	46	50	4	2	3	5	3
Business and management	84	83	85	85	83	49	44	41	40	42	15	14	19	17	16
Health	75	77	75	76	86	71	66	70	65	83	2	4	2	3	1
Education[2]	66	67	63	73	67	22	29	24	57	39	12	18	16	9	11
Public affairs and services	—	77	74	72	66	—	46	31	37	49	—	10	15	20	9
Arts and sciences fields	57	56	56	63	64	17	16	15	25	23	13	15	15	15	15
Biological sciences	56	45	43	42	50	26	18	17	15	26	6	8	11	11	8
Physical sciences and mathematics[3]	50	58	51	76	72	19	29	20	48	48	6	2	7	9	7
Psychology	61	56	57	66	59	22	17	12	22	22	18	17	16	19	14
Social sciences	59	61	61	61	68	12	10	13	12	16	15	21	14	17	20
Humanities	56	55	59	59	59	12	14	17	19	11	17	18	19	19	21
Other	68	75	77	75	73	36	43	42	36	37	10	20	14	21	14
Communications	—	71	76	77	75	—	31	31	33	29	—	24	16	18	17
Miscellaneous	66	76	77	74	73	35	46	46	38	38	11	19	13	23	13

—Not available.

[1] Includes those not working in technical, managerial, or administrative types of jobs who reported that they did not need a college degree to obtain their job.

[2] Includes those who have not finished all requirements for teaching certification or were previously qualified to teach.

[3] Includes computer sciences.

NOTE: Data are from sample surveys of recent college graduates. Notes on methodology are included in the *Guide to Sources*. Data exclude bachelor's recipients from U.S. Service Schools. Deceased graduates and graduates living at foreign addresses at the time of the survey are not included.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Recent College Graduates" surveys. (This table was prepared August 1993.)

Table 388.—Employment status of 1992–93 bachelor's degree recipients 4 years after graduation, by field of study and occupational area: 1997

[Percentage distribution]

Status in April 1997	All fields of study	Professional/technical fields					Arts and sciences						Other fields
		Business and management	Education	Engineering	Health professions	Public affairs and social services	Biological sciences	Mathematics, computer, and physical sciences	Social sciences	History	Humanities	Psychology	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total 1992–93 graduates	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Time between high school graduation and degree completion[1]													
4 years or less	31.1	27.5	28.0	21.4	18.0	24.3	47.7	35.0	45.1	43.2	34.3	36.6	29.9
More than 4, up to 5 years	27.6	27.2	30.9	35.2	26.2	28.3	22.7	22.8	24.7	19.3	26.0	26.5	30.3
More than 5, up to 6 years	11.2	9.4	10.5	16.2	12.7	11.9	11.7	10.1	10.1	16.8	11.0	7.2	13.3
More than 6, up to 10 years	12.7	13.3	12.1	13.4	15.1	14.5	6.8	16.1	12.7	6.5	14.1	9.8	11.7
More than 10 years	17.4	22.6	18.5	13.8	28.1	21.0	11.1	15.9	7.4	14.3	14.6	20.0	14.7
Enrollment status in April 1997													
Enrolled full-time	8.5	3.7	5.5	6.6	7.6	4.1	33.9	12.6	10.9	13.8	10.5	18.8	6.3
Enrolled part-time	9.2	5.7	16.9	11.1	6.5	9.0	8.2	8.3	11.9	9.2	8.3	7.7	8.1
Not enrolled	82.4	90.7	77.7	82.3	86.0	86.9	58.0	79.2	77.3	77.1	81.2	73.4	85.8
Employment status													
Employed	89.3	93.2	91.1	94.1	89.1	92.8	67.3	87.6	87.7	84.6	85.3	82.1	91.7
Full time	81.0	89.2	80.8	91.1	76.6	83.8	56.8	80.4	79.3	76.7	71.0	71.5	82.7
Part time	8.3	4.0	10.3	2.9	12.5	9.0	10.5	7.2	8.4	8.0	14.3	10.7	9.0
Unemployed[2]	2.7	2.1	2.1	1.2	2.6	2.0	5.2	2.4	3.5	2.9	4.0	4.4	2.3
Not in labor force[3]	8.1	4.6	6.8	4.8	8.4	5.3	27.5	10.0	8.8	12.5	10.7	13.5	6.0
Unemployment experiences since graduation													
Experienced any unemployment	39.8	36.2	46.8	39.2	27.9	35.8	39.4	36.3	43.7	44.3	43.6	39.2	43.1
Average total number of months unemployed	7.3	7.1	6.9	7.5	6.6	6.8	8.6	8.4	7.5	7.5	7.9	9.2	6.8
April 1997 unemployment rate[4]	2.9	2.2	2.3	1.2	2.8	2.1	7.2	2.7	3.8	3.3	4.4	5.1	2.5
Total employed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Occupation													
Business management	20.9	39.2	6.6	5.7	16.6	11.5	11.4	11.4	26.5	16.7	16.5	18.1	20.1
Educator	16.2	2.6	64.6	1.5	3.2	4.8	17.5	16.4	9.4	35.3	17.0	14.2	12.2
Engineering	5.1	1.7	0.5	49.9	4.1	(5)	2.6	6.4	1.1	0.5	1.7	0.4	2.2
Health professions	7.8	1.6	3.3	0.1	62.6	5.5	15.0	3.8	2.9	4.0	3.3	8.0	3.9
Other profession[6]	11.1	4.3	5.5	9.1	2.5	25.3	14.4	10.0	15.1	7.0	22.5	26.4	18.0
Computer science/programming	5.0	5.3	0.6	11.2	1.4	1.0	3.3	25.2	2.5	2.9	5.4	2.5	3.0
Non-computer technician	0.8	0.3	0.2	1.1	1.1	0.3	6.0	1.9	0.3	2.0	0.3	(5)	1.4
Administrative/clerical/support	13.6	19.4	8.1	2.2	3.5	17.5	9.2	11.6	17.6	10.5	16.2	14.5	16.3
Mechanic operator/laborer	5.6	6.7	2.9	6.0	1.4	5.1	7.5	7.8	7.0	3.1	5.8	4.3	6.9
Sales	8.1	13.8	3.0	9.6	1.5	3.9	5.3	3.6	8.6	12.3	6.2	7.0	9.5
Service	2.9	2.9	2.7	1.5	0.7	3.7	3.0	0.6	4.2	3.0	3.8	2.0	4.2
Military/protective service	2.4	1.7	1.6	2.0	0.5	20.9	1.7	1.4	3.1	2.6	0.8	1.9	1.9
Job characteristics in April 1997													
Definite career potential	57.3	60.0	51.4	65.0	58.4	47.1	50.1	64.6	58.2	55.8	52.2	50.6	59.0
Job closely related to bachelor's degree	56.0	57.6	67.7	61.2	85.0	59.6	49.0	65.6	31.2	34.6	41.0	46.3	50.1
Annual salaries[7]													
Less than $10,000	1.6	1.1	2.6	1.1	0.6	0.7	1.2	0.5	2.1	8.3	1.7	2.8	1.5
$10,000 to $14,999	3.7	1.9	5.4	0.7	1.4	3.5	7.6	3.8	5.1	4.3	6.4	4.2	4.2
$15,000 to $19,999	8.3	5.3	16.0	1.0	3.8	13.6	9.2	4.4	5.0	7.0	10.2	9.9	12.9
$20,000 to $24,999	14.2	11.9	26.6	1.8	5.1	17.3	19.0	11.5	14.5	17.6	17.4	19.1	12.7
$25,000 to $34,999	33.2	29.7	39.2	13.2	29.9	38.3	37.1	26.3	34.9	35.4	37.9	40.9	39.7
$35,000 to $49,999	25.8	32.8	6.3	54.9	36.5	20.2	20.7	35.4	23.3	22.6	19.3	19.2	18.0
$50,000 to $74,999	10.4	13.1	2.7	24.5	21.1	6.0	4.7	12.2	9.7	4.0	5.5	3.4	7.9
$75,000 or more	3.0	4.3	1.1	2.9	1.6	0.3	0.5	6.0	5.4	1.0	1.6	0.4	3.1
Average annual salary[8]	$34,252	$37,454	$26,513	$44,524	$39,421	$30,563	$29,331	$38,418	$35,536	$28,147	$30,179	$28,197	$32,208

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[1] Data from 1994 "First Follow-up" survey.

[2] Percent not working, but looking for work.

[3] Percent not working.

[4] Excluding those not in the labor force.

[5] Less than 0.05 percent.

[6] All other professional occupations excluding business, teaching, engineering, and health.

[7] Salaries for those employed full time in April 1997.

[8] Respondents reporting salaries less than $1,000 were excluded, those reporting salaries greater than $500,000 were reset to $500,000.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Baccalaureate and Beyond Longitudinal Study, First and Second Follow-up" surveys. (This table was prepared April 2001.)

Table 389.— Enrollment status of 1992–93 bachelor's degree recipients, by undergraduate major and highest degree obtained: April 1997

Undergraduate major field of study	Ever enrolled since graduation	Enrolled full-time	Enrolled part-time	Enrolled and employed	Enrolled and not employed
1	2	3	4	5	6
	Percent distribution				
All graduates	**29.8**	**8.5**	**9.2**	**13.0**	**4.7**
Professional fields	25.8	5.0	9.4	12.0	2.4
Engineering	33.9	6.6	11.1	14.1	3.6
Business and management	16.3	3.7	5.7	7.5	1.9
Health professions	26.6	7.6	6.5	9.9	4.2
Education	38.0	5.5	16.9	20.1	2.3
Public affairs and social services	26.4	4.1	9.0	12.3	0.8
Arts and sciences fields	38.5	15.1	9.3	15.2	9.2
Biological sciences	52.1	33.9	8.2	16.6	25.5
Mathematics and other sciences	39.2	12.6	8.3	13.1	7.8
Psychology	42.0	18.8	7.7	18.2	8.3
Social sciences	35.9	10.9	11.9	16.7	6.1
History	40.8	13.8	9.2	11.8	11.2
Humanities	31.7	10.5	8.3	13.6	5.2
Other	24.0	6.3	8.1	11.9	2.5
Highest degree attained by 1997					
Bachelor's degree	—	7.2	9.3	12.6	3.9
Postbaccalaureate certificate	—	11.0	13.9	19.2	5.7
Master's degree	—	13.8	8.0	15.0	6.8
First-professional degree	—	33.3	0.9	8.7	25.5
Doctoral degree	—	—	—	—	—

—Not available.

NOTE: Data are from a sample survey of recent college graduates. Notes on methodology are included in the *Guide to Sources*.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Baccalaureate and Beyond Longitudinal Study, Second Follow-up" survey. (This table was prepared April 2001.)

Table 390.—Average annual salary of bachelor's degree recipients employed full time 1 year after graduation, by field of study: 1976 to 1994

Field of study	Average salary[1] of 1974–75 degree recipients in February 1976		Average salary[1] of 1979–80 degree recipients in May 1981		Average salary[1] of 1983–84 degree recipients in June 1985		Average salary of 1985–86 degree recipients in June 1987		Average salary of 1989–90 degree recipients in June 1991		Average salary[1] of 1992–93 degree recipients in April 1994	Percent change in constant dollars, 1976 to 1994	Percent change in constant dollars, 1991 to 1994
	Current dollars	Constant 1994 dollars	Current dollars	Constant 1994 dollars	Current dollars	Constant 1994 dollars	Current dollars	Constant 1994 dollars	Current dollars	Constant 1994 dollars			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total	**$7,600**	**$19,800**	**$15,200**	**$24,800**	**$17,700**	**$24,400**	**$20,400**	**$26,500**	**$23,600**	**$25,700**	**$24,200**	**22.2**	**–5.8**
Engineering	12,200	31,800	22,400	36,500	24,100	33,200	26,600	34,700	30,900	33,600	30,900	–2.8	–8.0
Business and management	10,200	26,600	16,300	26,600	18,700	25,800	21,100	27,500	24,700	26,900	27,100	1.9	0.7
Health professions	8,600	22,400	17,300	28,200	20,800	28,600	22,600	29,400	31,500	34,200	31,300	39.7	–8.5
Education[2]	6,300	16,400	11,500	18,700	13,800	19,000	15,800	20,600	19,100	20,800	19,300	17.7	–7.2
Public affairs and social services	—	—	13,700	22,300	15,100	20,800	17,700	23,100	20,800	22,600	22,000	—	–2.7
Biological sciences	6,500	16,900	14,500	23,600	15,100	20,800	16,400	21,400	21,100	22,900	22,800	34.9	–0.4
Mathematics and other sciences	7,000	18,200	16,300	26,600	17,500	24,100	22,500	29,400	27,200	29,500	25,400	39.6	–13.9
Psychology	—	—	12,500	20,400	14,600	20,100	17,300	22,600	19,200	20,800	19,500	—	–6.3
Social sciences	6,700	17,500	14,000	22,800	15,800	21,800	20,300	26,500	22,200	24,200	22,100	26.3	–8.7
History	—	—	—	—	—	—	—	—	—	—	21,000	—	—
Humanities	5,800	15,100	12,600	20,500	14,000	19,300	16,200	21,200	19,100	20,700	21,300	41.1	2.9
Communications[3]	—	—	—	—	16,200	22,300	—	—	—	—	—	—	—
Miscellaneous	6,800	17,700	15,100	24,600	18,600	25,600	17,600	23,000	20,800	22,600	21,600	22.0	–4.4

—Not available.

[1] Reported salaries of full-time workers under $2,600 in 1976, $4,200 in 1981, $5,000 in 1985, and $1,000 in 1994 were excluded from the tabulations. Also, those with salaries over $500,000 in 1994 were excluded.

[2] Most educators work 9- to 10-month contracts.

[3] In 1994, data were not collected on Communications as a separate field of study.

NOTE: Data exclude bachelor's recipients from U.S. Service Schools and graduates living at foreign addresses at the time of the survey. Constant dollar adjustments based on the Consumer Price Index.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Recent College Graduates" surveys and "Baccalaureate and Beyond Longitudinal Study, First Follow-up" survey. (This table was prepared July 1997).

Table 391.—Participation of young adults in voluntary or community service activities, by selected characteristics: 1992 to 1994

Young adult characteristics	Percent participating in voluntary or community service activity									Percentage distribution of volunteer hours per week				
	Any activity	Sports teams or clubs	Church activities	Union, farm, trade, or professional associations	Educational organizations	Youth organizations	Political clubs	Organized volunteer work[1]	Other voluntary group	None[2]	Less than 2 hours	2 to 4 hours	4 to 6 hours	6 hours or more
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total	**37.2**	**7.2**	**11.8**	**1.8**	**6.0**	**10.3**	**3.0**	**10.4**	**7.3**	**62.7**	**15.2**	**7.9**	**5.8**	**8.3**
Sex														
Male	36.8	9.5	11.1	1.9	4.6	11.2	2.9	8.3	7.3	63.2	14.7	7.7	5.6	8.8
Female	37.9	4.9	12.7	1.6	7.1	9.4	3.2	12.6	7.3	62.2	15.8	8.2	6.1	7.9
Race/ethnicity														
White, non-Hispanic	38.5	7.5	11.3	2.0	5.8	10.3	3.1	11.6	7.8	61.5	17.1	8.0	5.5	7.9
Black, non-Hispanic	35.9	6.3	15.8	1.1	6.4	11.5	3.1	5.8	6.2	64.1	9.6	8.1	7.7	10.6
Hispanic	31.7	6.3	11.2	0.8	6.5	9.6	2.3	6.7	5.4	68.4	9.8	7.3	6.0	8.5
Asian	35.8	5.7	10.5	1.4	7.1	8.1	3.4	13.0	8.4	64.2	14.9	8.7	4.3	8.0
American Indian	34.1	12.1	14.6	3.6	6.1	11.9	3.8	5.1	3.9	65.9	8.7	6.3	8.1	11.1
Socioeconomic status[3]														
Low	26.4	5.0	10.4	0.9	4.0	7.4	1.5	5.9	5.0	73.6	8.2	5.8	4.5	7.9
Low-middle	30.4	6.3	10.8	1.3	3.9	8.3	2.1	7.1	6.3	69.6	11.0	6.0	5.9	7.5
High-middle	38.6	7.0	13.0	2.0	5.8	10.9	3.3	9.2	7.5	61.4	16.9	7.9	6.1	7.8
High	51.1	9.2	14.7	2.7	9.7	14.2	4.9	18.0	10.3	48.9	24.6	11.4	5.9	9.2

[1] E.g., hospital volunteer.

[2] Not a volunteer.

[3] Socioeconomic status was measured by a composite score on parental education and occupations, and family income. The "low" SES group is the lowest quartile.

NOTE: Sample survey in 1994 based on people who were high school seniors in spring 1992. Respondents to the survey were asked about their voluntary participation in selected organizations over the previous 24-month period. Some persons participated in more than one organization.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study, Third Follow-up." (This table was prepared July 1995.)

Table 392.—Literacy skills of adults, 16 years old and over, by selected characteristics: 1992

Selected characteristics	Prose literacy[1]						Document literacy[2]						Quantitative literacy[3]					
	Average score	Percent of adults with proficiency at level					Average score	Percent of adults with proficiency at level					Average score	Percent of adults with proficiency at level				
		1	2	3	4	5		1	2	3	4	5		1	2	3	4	5
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Total	**272**	**21**	**27**	**32**	**17**	**3**	**267**	**23**	**28**	**31**	**15**	**3**	**271**	**22**	**25**	**31**	**17**	**4**
Sex																		
Male	272	22	26	31	18	4	269	23	27	31	17	3	277	21	23	31	20	5
Female	273	20	28	33	17	3	265	23	30	31	14	2	266	23	28	31	15	3
Age																		
16 to 18 years old	271	16	35	38	11	1	274	15	34	38	12	1	268	20	35	33	12	1
19 to 24 years old	280	14	29	37	18	2	280	14	29	37	18	2	277	16	28	37	16	2
25 to 39 years old	284	15	24	34	22	5	282	16	25	35	21	4	283	17	23	33	21	5
40 to 54 years old	286	15	23	34	22	5	278	17	27	33	19	3	286	16	22	33	23	6
55 to 64 years old	260	26	31	30	12	1	249	30	34	26	8	1	261	25	30	30	13	2
65 years old and older	230	44	32	19	5	1	217	53	32	13	2	(4)	227	45	26	20	7	2
Race/ethnicity																		
White	286	14	25	36	21	4	280	16	27	34	19	3	287	14	24	35	21	5
Black	237	38	37	21	4	(4)	230	43	36	18	3	(4)	224	46	34	17	3	(4)
Asian or Pacific Islander	242	36	25	25	12	2	245	34	25	28	12	2	256	30	23	27	16	4
American Indian	254	25	39	28	7	1	254	27	37	29	7	(4)	250	33	32	28	7	1
Hispanic, Mexican	206	54	25	16	5	(4)	205	54	25	16	4	(4)	205	54	25	17	4	(4)
Hispanic, Cuban	211	53	24	17	6	1	212	48	30	16	4	2	223	46	20	25	6	3
Hispanic, Puerto Rican	218	47	32	17	3	(4)	215	49	29	18	3	(4)	212	51	28	17	3	1
Hispanic, Central/South American	207	56	22	17	4	(4)	206	53	25	16	4	(4)	203	53	25	18	4	(4)
Hispanic, other	260	25	27	33	13	2	254	28	26	32	12	2	246	31	25	31	11	1
Highest level of education																		
Still in high school	271	16	36	37	11	(4)	274	15	35	38	12	1	269	19	35	32	12	1
0 to 8 years, not enrolled	177	75	20	4	(4)	(4)	170	79	18	3	(4)	(4)	169	76	18	5	1	(4)
9 to 12 years, not enrolled	231	42	38	17	2	(4)	227	46	37	15	2	(4)	227	45	34	17	3	(4)
GED	268	14	39	39	7	(4)	264	17	42	34	7	(4)	268	16	38	35	10	1
High school diploma	270	16	36	37	10	1	264	20	38	33	9	1	270	18	33	37	12	1
Some college	294	8	23	45	22	3	290	9	27	42	20	2	295	8	23	42	23	4
Associate degree	308	4	19	41	32	4	299	6	23	43	25	3	307	4	19	43	29	5
Bachelor's degree	322	4	11	35	40	10	314	4	15	37	36	8	322	4	12	35	38	12
Graduate studies/degree	336	2	7	28	47	16	326	3	10	34	41	12	334	2	9	30	42	17
Region																		
Northeast	270	22	28	31	16	3	264	24	29	30	14	2	267	24	25	31	16	4
Midwest	279	16	28	35	18	3	274	19	30	33	16	2	280	17	26	34	19	4
South	267	23	28	30	15	3	262	26	29	29	14	2	265	25	27	29	15	4
West	276	20	23	33	21	4	271	22	24	32	18	3	276	20	22	32	20	5
Prison population	246	31	37	26	6	(4)	240	33	38	25	4	(4)	236	40	32	22	6	1

[1] Prose literacy is the ability to understand and use information contained in various kinds of textual material. A level 1 task rated 0 to 225 requires the reader to locate a single piece of information in a short text. A level 2 task rated 226 to 275 requires the reader to locate a single piece of information in the text with several distractors or to make low-level inferences. A level 3 task rated 276 to 325 requires the reader to make literal or synonymous matches between the text and information given in the task, or to make low-level inferences. A level 4 task rated 326 to 375 requires the reader to perform multiple-feature matches and to integrate or synthesize information from complex passages. A level 5 task rated 376 to 500 requires the reader to search for information in dense text which contains a number of distractors.

[2] Document literacy reflects the knowledge and skills used to process information from documents. A level 1 task rated 0 to 225 requires the reader to locate pieces of information based on a literal match. A level 2 task rated 226 to 275 requires the reader to match a single piece of information among several distractors. A level 3 task rated 276 to 325 requires the reader to integrate multiple pieces of information from one or more documents. A level 4 task rated 326 to 375 requires the performance of multiple-feature matches, cycling through documents, and integrating information. A level 5 task rated 376 to 500 requires the reader to search through complex displays that contain multiple distractors, to make high-level text-based inferences.

[3] Quantitative literacy is the ability to perform numerical operations in everyday life. A level 1 task rated 0 to 225 requires the reader to perform a single, relatively simple, arithmetic operation. A level 2 task rated 226 to 275 requires the reader to perform a single operation using numbers that are either stated in the task or easily located in the material. A level 3 task rated 276 to 325 requires the reader to use two or more numbers to solve the problem. A level 4 task rated 326 to 375 requires the reader to perform two or more sequential operations or a single operation in which the quantities are found in different types of displays. A level 5 task rated 376 to 500 requires the reader to perform multiple operations sequentially. They must extract the features of the problem from text or rely on background knowledge to determine the quantities or operations needed.

[4] Less than .5 percent.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Adult Literacy Survey, *Adult Literacy in America, 1992*, prepared by Educational Testing Service. (This table was prepared February 1994.)

CHAPTER 6
International Comparisons of Education

This chapter offers a broad perspective on education across the nations of the world. It also provides an international context for examining the condition of education in the United States. Insights into the educational practices and outcomes of the United States are obtained by comparing them with those of other countries. The National Center for Education Statistics (NCES) carries out a variety of these activities to provide statistical data for international comparisons of education.

In the early 1990s, the NCES expanded its role in collecting international data by serving as the national research center for the International Association for the Evaluation of Educational Achievement (IEA) Reading Literacy Study. In addition, NCES has provided funding for international research studies comparing mathematics and science education, including the Third International Mathematics and Science Study (TIMSS). NCES is also cooperating with international agencies in the compilation of statistics and the development of education indicators.

Some of the data in this chapter were drawn from materials prepared by the United Nations Educational, Scientific, and Cultural Organization (UNESCO), the Institute of International Education, the Organization for Economic Cooperation and Development (OECD), and the International Assessment of Educational Progress (IAEP). The basic summary data on enrollments, teachers, enrollment ratios, and finances were synthesized from information appearing in *Education at a Glance* published by OECD. Even though OECD tabulations are very carefully prepared, international data users should be cautioned about the many problems of definition and reporting involved in the collection of data about the educational systems in the world.

This chapter provides information from TIMSS and TIMSS–R, carried out by the IEA. Data in 1995 were collected for the two adjacent grades containing the most 9-year-olds (Population 1) and the two adjacent grades containing the most 13-year-olds (Population 2). Data are reported for the higher grade for each population, which was 4th-grade in most nations for Population 1 and 8th-grade in most nations for Population 2. The mathematics and science performance of 4th-grade students in 26 countries, and 8th-grade students in 41 countries, was studied through assessments administered during 1994–95. The mathematics and science performance of students at the end of secondary schooling (12th-grade in the United States) was also assessed at the same time in 21 countries. The 1999 Third International Mathematics and Science Study–Repeat (TIMSS–R) is a successor to the 1995 TIMSS and focuses on the mathematics and science achievement of 8th-grade students in participating nations. It provides a second data point in a regular cycle of international assessments of mathematics and science that are planned to chart trends in achievement over time.

The role that the United States plays in the world of higher education is illuminated by data on foreign students enrolled in U.S. institutions of higher education. The Institute of International Education provides estimates of the number of foreign students and their countries of origin.

Further information on survey methodologies is in the "Guide to Sources" in the appendix and in the publications cited in the source notes.

Population

The percent of young people in a population can influence the proportion of national income spent per student. Countries with a greater proportion of young people set aside larger proportions of domestic product for their education to have the same expenditure per student as a country with a lower proportion of young people. Among the OECD countries, Turkey had the largest percentage of young people ages 5 to 14—at 21 percent in 1999. The closest followers were Iceland (16), New Zealand (15), the United States (15), and Ireland (15). Countries with relatively small numbers of persons in this age group included Spain, Italy, and Japan at 10 percent (table 393).

Enrollments

In 1997, 1.2 billion students were enrolled in schools around the world. Of these students, 668 million were in elementary-level programs, 398 million were in secondary programs, and 88 million were in higher education programs (table 392). Between 1990 and 1997, enrollment changes varied from region to region. Elementary enrollment changes ranged from increases of 24 percent in Africa and 12 percent in Central and South America to a 5 percent decrease in Europe. Enrollment increases at the secondary level outpaced increases at the primary (elementary) level, especially in Africa (38 percent), Oceania (68 percent), Asia (31 percent), and Central and South America (31 percent). Secondary-level enrollment increased in Europe by 10 percent. Enrollment in Northern America (defined in Unesco tabulations as including United States, Canada, and Greenland) rose by 15 percent (table 395).

At the postsecondary level, developing areas of the world had substantial increases in enrollment between 1990 and 1997. Postsecondary enrollment rose by 68 percent in Africa and by 49 percent in Asia. Postsecondary enrollment in Oceania increased by 99 percent, Central and South America increased by 30 percent, followed by Europe at 15 percent and Northern America at 3 percent. These increases are due to growth both in the proportion of the people attending postsecondary institutions and increases in the populations (tables 395 and 396).

Postsecondary enrollment varied among countries partially due to differing definitions of postsecondary education and at what age it begins. In 1999, among the OECD countries, Greece reported the highest proportion of 18- to 21-year-olds enrolled in postsecondary education at 54 percent, followed by Korea (51 percent), Belgium (42 percent), the United States (36 percent), and France (35 percent). In the 22 to 25 age group, Finland's enrollment rate was highest at 35 percent, with Norway following at 28 percent, Denmark at 27 percent, Korea at 26 percent, and Sweden at 25 percent (table 394).

In 1999–2000, there were about 515,000 foreign students studying at U.S. colleges and universities. Approximately 54 percent of these students were from Asian countries (table 416). Between 1990 and 1999, the proportion of students at U.S. colleges who were nonresident aliens, rose from 2.8 to 3.5 percent (table 208).

Achievement

The 1995 TIMSS assessed the mathematics and science performance of U.S. students in comparison to their peers in other nations at three different grade levels. The 1995 TIMSS assessments revealed that U.S. 4th-graders performed well in both mathematics and science in comparison to students in other nations and U.S. 12th-graders scored below the international average and among the lowest of the TIMSS nations in mathematics and science general knowledge (tables 405, 406, 407, and 408).

In 1999, U.S. 8th-graders exceeded the international average of 38 nations in mathematics and science. In mathematics, U.S. 8th-grade students outperformed their peers in 17 nations, performed similarly to their peers in 6 nations, and performed lower than their peers in 14 nations in 1999 (table 399). In science, U.S. 8th-grade students outperformed their peers in 18 nations, performed similarly to their peers in 5 nations, and performed lower than their peers in 14 nations in 1999 (table 401).

Degrees

Ratios of bachelor's degrees conferred per hundred persons at the typical year of graduation in 1999 ranged from 10 in Turkey and 11 in the Czech Republic and Mexico to 37 in the United Kingdom and New Zealand. The ratio for the United States was 33. In 1996, women had higher bachelor's degree ratios than men in 14 out of 19 countries reporting data (table 411).

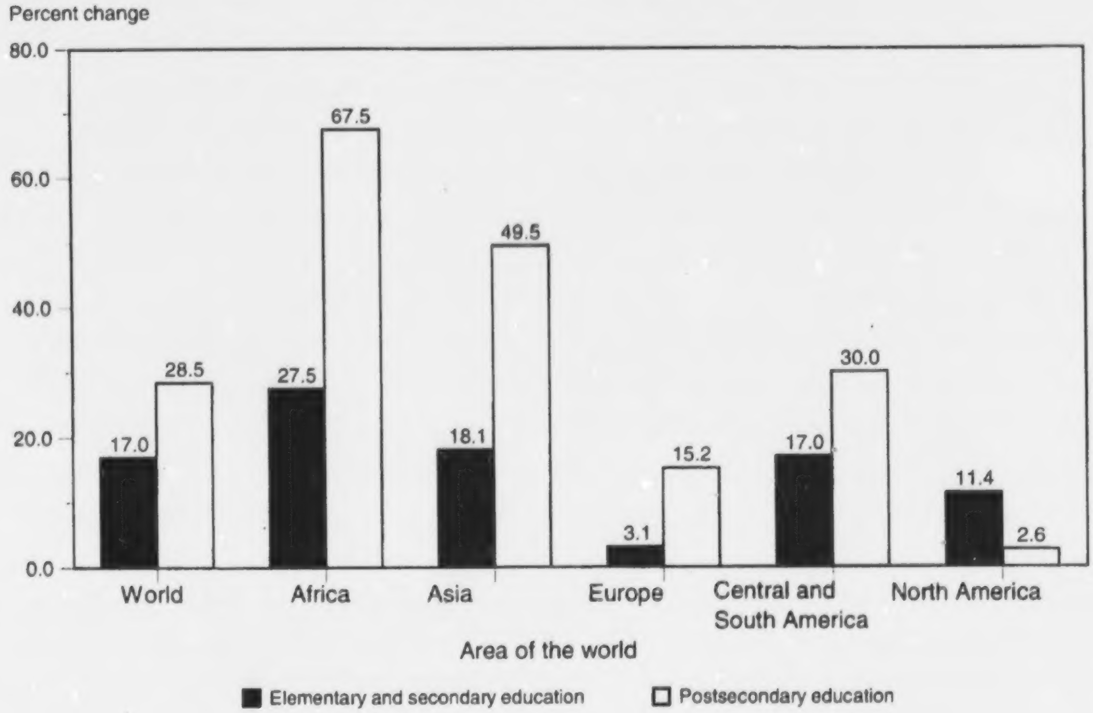
The percentage of undergraduate degrees awarded in science fields (including natural sciences, mathematics and computer science, and engineering) reported by OECD countries ranged from 13 to 37 percent for 1999. Korea, Germany, and Finland were over 30 percent, while Canada, Australia, Japan, New Zealand, the United States, Hungary, Poland, the Netherlands, Iceland, and Norway were 20 percent or less (table 412). The proportion of graduate degrees awarded in science fields also ranged widely across countries in 1999. Among the countries with the highest proportions were Korea (48 percent), and Japan, Switzerland, and Sweden with 42 percent. Among the countries with the lowest proportions were Poland (3 percent), Italy (13 percent), Hungary (14 percent) and the United States (14 percent) (table 413).

Finances

In general, higher income countries spend more public funds per student than lower income countries. At the primary level of education, Denmark, Switzerland, Austria, and the United States ranked at the upper end of public per pupil expenditures in 1998. For primary education per student, Denmark spent about $6,713 per student, Switzerland spent $6,470, Austria spent $6,065, and the United States spent $6,043 per student. At the secondary level, Switzerland, Austria, the United States, Norway, and Denmark had expenditures over $7,000 per student. The governments of the United States, Switzerland, Canada and Sweden spent relatively large amounts per student in higher education. The United States spent $19,802, Switzerland spent $16,563, Canada spent $14,579, and Sweden spent $13,224 (table 414). These expenditures were adjusted to U.S. dollars using the purchasing-power-parity (PPP) Index. This index is considered more stable and comparable than using currency exchange rates.

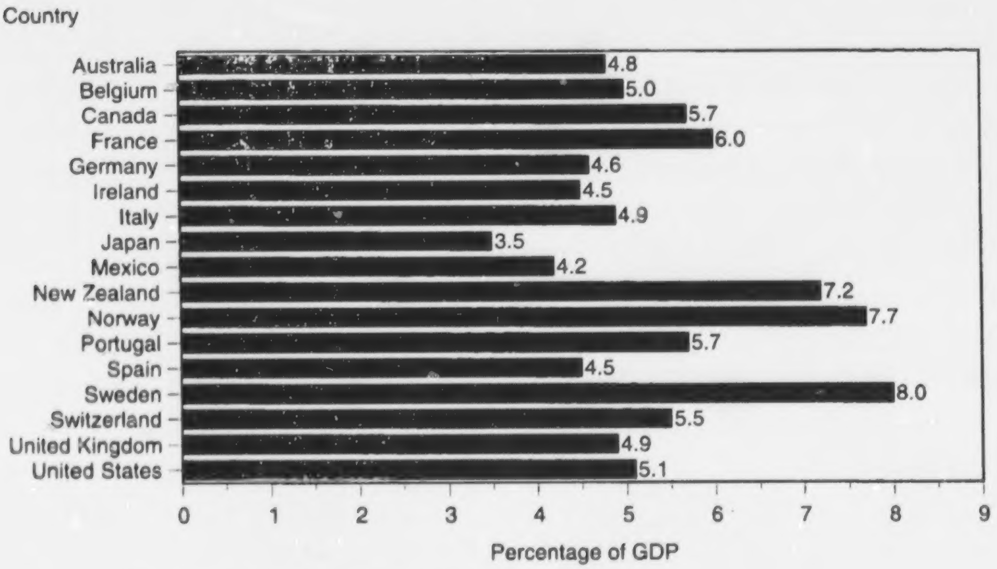
A comparison of public expenditures on education as a percent of gross domestic product (GDP) in OECD countries shows that national investment in education in 1998 ranged from 3.0 percent of GDP in Turkey to 5.1 percent in the United States to 8.3 percent in Denmark (table 415).

Figure 28.–Percent change in enrollment, by area of the world and level of education: 1990 to 1997



SOURCE: United Nations Educational, Scientific, and Cultural Organization, Paris, *Statistical Yearbook*, various years.

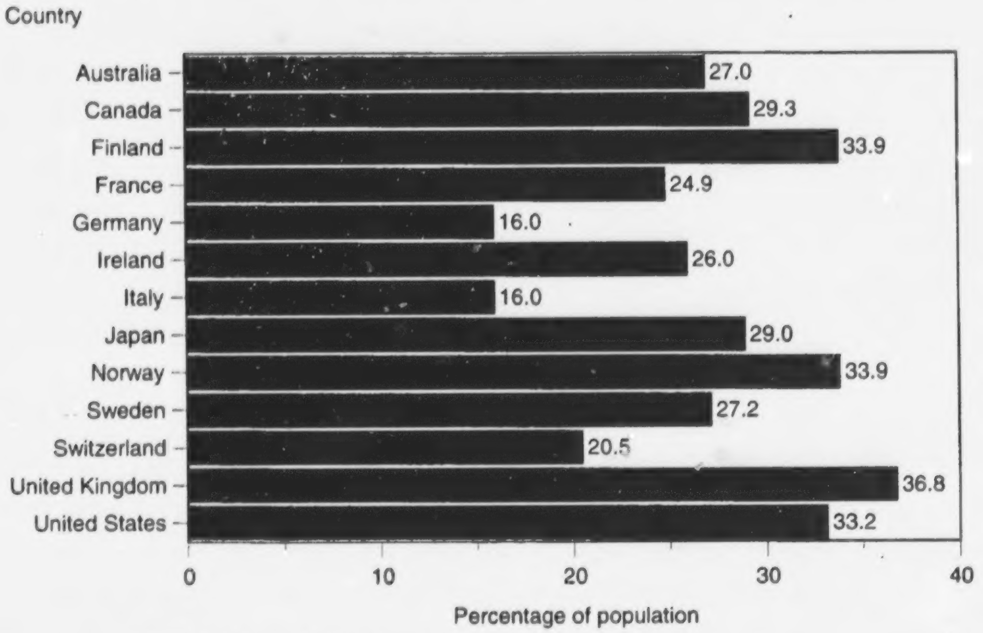
Figure 29.–Public direct expenditures for education as a percentage of the gross domestic product: Selected countries, 1998



NOTE: Includes all government expenditures for education institutions.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance, 2001.*

Figure 30.–Bachelor's degree recipients as a percentage of the population of the theoretical age of graduation: Selected countries, 1999



NOTE: Includes graduates of any age.

SOURCE: Organization for Economic Cooperation and Development, unpublished data.

Figure 31.–Average mathematics performance of other countries compared with the United States: 1995

Fourth grade (in most nations)

Average scores significantly higher than the United States

Singapore
Korea
Japan
Hong Kong
(Netherlands)
Czech Republic
(Austria)

Average scores not significantly different from the United States

(Slovenia)
Ireland
(Hungary)
(Australia)
Canada
(Israel)

Average scores significantly lower than the United States

(Latvia)
Scotland
England
Cyprus
Norway
New Zealand
Greece
(Thailand)
Portugal
Iceland
Iran, Islamic Republic
(Kuwait)

End of secondary education

Average scores significantly higher than the United States

(Netherlands)
Sweden
(Denmark)
Switzerland
(Iceland)
(Norway)
(France)
New Zealand
(Australia)
(Canada)
(Austria)
(Slovenia)
(Germany)
Hungary

Average scores not significantly different from the United States

(Italy)
(Russian Federation)
(Lithuania)
Czech Republic

Average scores significantly lower than the United States

(Cyprus)
(South Africa)

NOTE: Nations not meeting international guidelines are shown in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Pursuing Excellence: A Study of U.S. Fourth-Grade Mathematics and Science Achievement in International Context*, 1997 and *Pursuing Excellence: A Study of U.S. Twelfth-Grade Mathematics and Science Achievement in International Context*, 1998.

Figure 32.–Average science performance of other countries compared with the United States: 1995

Fourth grade (in most nations)

Average scores significantly higher than the United States

Korea

Average scores not significantly different from the United States

Japan
(Austria)
(Australia)
(Netherlands)
Czech Republic

Average scores significantly lower than the United States

England
Canada
Singapore
(Slovenia)
Ireland
Scotland
Hong Kong
(Hungary)
New Zealand
Norway
(Latvia)
(Israel)
Iceland
Greece
Portugal
Cyprus
(Thailand)
Iran, Islamic Republic
(Kuwait)

End of secondary education

Average scores significantly higher than the United States

Sweden
(Netherlands)
(Iceland)
(Norway)
(Canada)
New Zealand
(Australia)
Switzerland
(Austria)
(Slovenia)
(Denmark)

Average scores not significantly different from the United States

(Germany)
(France)
Czech Republic
(Russian Federation)
(Italy)
Hungary
(Lithuania)

Average scores significantly lower than the United States

(Cyprus)
(South Africa)

NOTE: Nations not meeting international guidelines are shown in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Pursuing Excellence: A Study of U.S. Fourth-Grade Mathematics and Science Achievement in International Context*, 1997 and *Pursuing Excellence: A Study of U.S. Twelfth-Grade Mathematics and Science Achievement in International Context*, 1998.

Table 393.—School-age populations as a percent of total population: Selected countries, 1985 to 1999

Country	5- to 14-year-olds as a percent of total population						15- to 19-year-olds as a percent of total population					
	1985[1]	1990[1]	1995[1]	1996	1998	1999	1985[2]	1990[2]	1995[2]	1996	1998	1999
1	2	3	4	5	6	7	8	9	10	11	12	13
Australia	14.5	13.1	12.9	14.0	14.0	14.0	6.6	6.4	5.6	7.0	7.0	7.0
Belgium	11.4	10.9	10.7	12.0	12.0	12.0	5.8	5.1	4.9	6.0	6.0	6.0
Canada	12.8	12.4	12.2	13.0	14.0	14.0	6.1	5.5	5.4	7.0	7.0	7.0
Czech Republic	—	—	11.6	13.0	13.0	12.0	—	—	6.5	8.0	8.0	7.0
Denmark	12.0	10.1	9.7	11.0	11.0	12.0	5.8	5.7	4.7	6.0	6.0	5.0
Finland	11.5	11.8	11.4	13.0	13.0	13.0	5.6	4.9	5.1	6.0	6.0	6.0
France	12.8	12.1	12.0	13.0	13.0	13.0	6.2	5.8	5.3	7.0	7.0	7.0
Germany[3]	9.1	8.7	10.0	11.0	11.0	11.0	6.1	4.1	4.3	5.0	6.0	6.0
Greece	—	—	10.7	12.0	11.0	11.0	—	5.5	5.8	7.0	7.0	7.0
Iceland	15.7	15.0	14.3	16.0	16.0	16.0	6.7	6.8	6.4	8.0	8.0	8.0
Ireland	17.9	17.5	15.2	17.0	16.0	15.0	7.7	8.0	7.8	9.0	9.0	9.0
Italy	12.7	10.3	9.1	10.0	10.0	10.0	6.5	6.0	4.8	6.0	6.0	5.0
Japan	14.0	11.8	10.2	11.0	11.0	10.0	6.2	6.5	5.4	7.0	6.0	6.0
Korea	—	—	14.5	15.0	14.0	14.0	—	—	7.1	9.0	9.0	8.0
Luxembourg	10.2	10.1	10.5	12.0	12.0	12.0	5.5	4.4	4.4	5.0	6.0	6.0
Netherlands	12.0	10.7	10.8	12.0	12.0	12.0	6.8	5.4	4.8	6.0	6.0	6.0
New Zealand	15.3	13.5	13.5	15.0	15.0	15.0	7.5	6.7	5.7	7.0	7.0	7.0
Norway	12.5	11.0	11.2	13.0	13.0	13.0	6.4	5.8	4.9	6.0	6.0	6.0
Portugal	15.3	14.3	10.9	12.0	12.0	11.0	6.9	6.8	6.1	8.0	7.0	7.0
Russian Federation	—	—	14.3	16.0	—	14.0	—	—	5.8	7.0	—	8.0
Spain	15.0	12.9	10.2	11.0	11.0	10.0	6.8	6.8	6.2	8.0	7.0	7.0
Sweden	11.3	10.2	10.8	12.0	13.0	13.0	5.4	5.2	4.6	6.0	6.0	6.0
Switzerland	10.6	10.1	10.4	12.0	12.0	12.0	5.8	4.8	4.5	6.0	6.0	6.0
Turkey	20.6	20.6	19.7	20.0	21.0	21.0	8.7	8.9	8.8	11.0	11.0	11.0
United Kingdom	11.4	11.1	11.6	13.0	13.0	13.0	6.3	5.2	4.8	6.0	6.0	6.0
United States	12.6	12.8	13.0	15.0	14.0	15.0	6.2	5.4	5.5	7.0	7.0	7.0

—Not available.

[1] Data are for the 5- to 13-year-old population.

[2] Data are for the 14- to 17-year-old population.

[3] Data for 1985 are for the former West Germany.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance*, various years; and unpublished data. (This table was prepared June 2001.)

Table 394.—Percent of population enrolled in secondary and postsecondary institutions, by age group: Selected countries, 1985, 1990, and 1999

Country	Secondary schools, 16 years old[1]	Secondary schools, 17 years old[1]	Postsecondary institutions								
			18 to 21 years old			22 to 25 years old			26 to 29 years old		
	1999	1999	1985	1990	1999	1985	1990	1999	1985	1990	1999
1	2	3	4	5	6	7	8	9	10	11	12
Australia	92.0	78.2	—	—	30.7	—	—	15.0	—	—	8.0
Austria	91.9	75.9	—	—	15.1	—	—	20.3	—	—	11.8
Belgium[2]	95.0	92.7	24.5	—	41.7	7.2	—	14.7	1.5	—	3.0
Canada	93.4	75.1	—	—	27.3	—	—	17.9	—	—	6.7
Czech Republic	99.8	83.3	—	—	17.1	—	—	11.5	—	—	4.2
Denmark	92.8	81.6	7.4	7.4	8.3	16.3	17.9	26.6	8.2	9.3	14.8
Finland	93.6	95.8	9.3	13.6	22.8	17.3	20.7	35.1	7.9	10.2	18.3
France	95.3	88.8	19.3	24.6	35.4	10.0	11.8	20.5	4.3	3.9	5.1
Germany[3]	96.7	91.7	8.8	8.5	11.1	—	15.9	18.7	8.9	10.3	10.8
Greece	92.3	65.5	—	—	54.1	—	—	7.2	—	—	2.2
Hungary	92.8	87.0	—	—	19.7	—	—	13.7	—	—	5.2
Iceland	89.7	76.7	—	—	7.3	—	—	21.3	—	—	9.2
Ireland	91.5	72.0	—	20.5	32.7	—	—	11.5	—	—	2.9
Italy	78.7	73.3	—	—	22.1	—	—	20.5	—	—	7.0
Japan	95.1	93.6	—	—	—	—	—	—	—	—	—
Korea, Republic of	97.7	92.9	—	—	51.4	—	—	26.2	—	—	5.8
Mexico	43.0	32.0	—	—	12.4	—	—	7.6	—	—	1.0
Netherlands	107.3	91.0	14.4	17.9	26.3	11.9	13.4	19.9	5.7	4.7	4.9
New Zealand	89.4	71.3	—	20.7	29.2	—	14.8	14.4	—	—	7.6
Norway	94.2	92.7	8.6	13.5	19.2	13.9	17.4	28.0	6.2	7.5	11.7
Poland	89.7	88.9	—	—	21.2	—	—	20.5	—	—	5.3
Portugal	82.7	80.3	5.9	—	24.7	5.4	—	17.5	2.3	—	6.5
Spain	85.4	74.7	15.0	21.3	32.1	10.7	13.5	23.5	4.0	4.5	7.7
Sweden	96.8	96.6	7.8	8.7	15.7	11.3	11.4	24.6	6.5	6.1	12.5
Switzerland	90.5	84.1	5.7	6.4	9.7	10.6	12.1	17.1	5.2	6.4	9.1
Turkey	37.2	21.9	—	7.3	13.6	—	4.3	9.0	—	2.2	4.5
United Kingdom	84.5	71.1	15.0	16.1	29.3	7.4	10.6	12.0	—	—	6.4
United States[4]	88.5	81.0	33.2	35.6	35.9	14.6	17.3	18.5	8.2	8.6	10.9

—Not available.

[1] Includes full-time and part-time enrollment.

[2] Data for Flemish Belgium only.

[3] Data for 1985 are for the former West Germany.

[4] Postsecondary includes higher education only.

NOTE: Some increases in enrollment rates may be due to more complete reporting by countries.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance*, various years, and unpublished data. (This table was prepared August 2001.)

Table 395.—Estimated population, school enrollment, and teachers in major areas of the world: 1980 to 1997

Item	World total[1]	Major areas of the world					
		Africa[2]	Asia[3]	Europe[4]	Central and South America[5]	Northern America[5]	Oceania[6]
1	2	3	4	5	6	7	8
1980							
Population, all ages,[7] in thousands	4,447,090	475,714	2,641,312	693,075	359,307	255,109	22,573
Enrollment, all levels, in thousands	856,971	78,036	495,155	131,633	87,291	60,041	4,815
First (primary) level[8]	541,556	62,134	338,174	52,471	65,414	22,611	2,752
Second level[9]	264,379	14,360	144,755	62,734	16,969	23,913	1,647
Third level[10]	51,037	1,542	14,227	16,428	4,908	13,516	416
Teachers, all levels, in thousands	38,285	2,338	19,641	8,225	3,730	4,079	272
First (primary) level[8]	19,044	1,661	10,874	2,541	2,260	1,580	129
Second level[9]	15,398	584	7,554	4,387	1,083	1,679	112
Third level[10]	3,843	94	1,213	1,297	387	820	31
Public expenditures on education, in millions of U.S. dollars	$516,400	$22,900	$93,800	$200,600	$33,500	$155,100	$10,400
As a percent of gross national product	4.8	5.3	4.0	[11] 5.1	3.8	5.2	5.6
1990							
Population, all ages,[7] in thousands	5,281,986	629,389	3,184,342	722,109	437,822	282,020	26,304
Enrollment, all levels, in thousands	980,474	107,871	569,179	131,255	104,968	62,007	5,194
First (primary) level[8]	596,853	80,640	364,213	48,968	75,505	24,810	2,717
Second level[9]	315,008	24,378	181,652	63,366	22,194	21,569	1,849
Third level[10]	68,613	2,853	23,314	18,922	7,269	15,628	628
Teachers, all levels, in thousands	47,105	3,791	24,455	9,398	5,131	4,000	330
First (primary) level[8]	22,626	2,390	12,692	2,812	3,006	1,582	143
Second level[9]	19,380	1,241	9,947	5,076	1,520	1,449	146
Third level[10]	5,100	160	1,816	1,509	605	969	41
Public expenditures on education, in millions of U.S. dollars	$986,500	$25,700	$199,800	$367,500	$44,600	$330,300	$18,600
As a percent of gross national product	4.8	5.6	3.7	[11] 5.1	4.1	5.4	5.6
1995							
Population, all ages,[7] in thousands	5,686,775	719,497	3,437,791	728,034	476,641	296,644	28,168
Enrollment, all levels, in thousands	1,105,367	130,308	646,855	137,836	116,672	66,511	7,186
First (primary) level[8]	650,876	95,667	395,725	47,367	82,490	26,500	3,127
Second level[9]	373,200	30,698	220,333	69,453	25,841	23,984	2,891
Third level[10]	81,291	3,944	30,796	21,016	8,342	16,026	1,167
Teachers, all levels, in thousands	52,081	4,474	26,977	10,104	5,816	4,269	439
First (primary) level[8]	24,340	2,802	13,515	2,848	3,366	1,649	161
Second level[9]	21,759	1,468	11,283	5,561	1,703	1,528	217
Third level[10]	5,981	205	2,180	1,696	747	1,092	61
1996							
Population, all ages,[7] in thousands	5,767,443	738,740	3,488,028	728,561	484,309	299,250	28,555
Enrollment, all levels, in thousands	1,130,667	134,843	663,394	137,522	120,429	67,122	7,357
First (primary) level[8]	659,106	98,356	400,405	46,866	83,596	26,736	3,147
Second level[9]	386,386	32,127	229,981	69,103	27,815	24,355	3,005
Third level[10]	85,175	4,360	33,008	21,554	9,018	16,031	1,204
Teachers, all levels, in thousands	53,081	4,642	27,596	10,107	5,983	4,305	447
First (primary) level[8]	24,622	2,881	13,630	2,842	3,446	1,661	162
Second level[9]	22,375	1,538	11,719	5,556	1,785	1,552	224
Third level[10]	6,084	223	2,247	1,709	752	1,093	61
1997							
Population, all ages,[7] in thousands	—	—	—	—	—	—	—
Enrollment, all levels, in thousands	1,154,721	138,714	679,366	137,645	123,778	67,689	7,528
First (primary) level[8]	668,450	100,226	406,661	46,304	85,177	26,906	3,176
Second level[9]	398,116	33,708	237,861	69,547	29,153	24,746	3,101
Third level[10]	88,155	4,780	34,844	21,794	9,448	16,038	1,251
Teachers, all levels, in thousands	54,120	4,754	28,288	10,141	6,138	4,342	456
First (primary) level[8]	24,818	2,927	13,763	2,814	3,474	1,674	165
Second level[9]	23,017	1,585	12,185	5,568	1,874	1,577	228
Third level[10]	6,284	242	2,339	1,759	789	1,092	62

—Not available.

[1] Enrollment and teacher data exclude the Democratic People's Republic of Korea.

[2] Excludes Rodrigues and other small islands.

[3] Includes 5 countries of the former U.S.S.R., the Democratic People's Republic of Korea, Arab states, and both the Asian and the European portions of Turkey.

[4] Includes all countries of the former U.S.S.R. except Kazakhstan, Uzbekistan, Kyrgyzstan, Takjikistan, and Turkmenistan.

[5] Northern America includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and the United States of America. Hawaii is included in Northern America rather than Oceania. Central and South America includes Latin America and the Caribbean.

[6] Includes American Samoa, Australia, Cook Islands, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, Nauru, New Caledonia, New Zealand, Niue, Norfolk Island, Pacific Islands, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, and the Republic of Vanuatu.

[7] Estimate of midyear population.

[8] First level enrollment generally consists of elementary school, grades 1–6.

[9] Second level enrollment includes general education, teacher training (at the second level), and technical and vocational education. This level generally corresponds to secondary education in the United States, grades 7–12.

[10] Third level enrollment includes college and university enrollment, and technical and vocational education beyond the high school level. There is considerable variation in reporting from country to country.

[11] This figure is for Europe, not including the former U.S.S.R.

NOTE: Detail may not sum to totals due to rounding.

SOURCE: United Nations Educational, Scientific, and Cultural Organization, Paris, *1999 Statistical Yearbook*. (This table was prepared July 2000.)

Table 396.—Selected statistics for countries with populations over 10 million, by continent: 1980, 1990, and 1997

Country[1]	Population in millions			Persons per square kilometer in 1997	First level[2] Enrollment in thousands			First level[2] Enrollment ratio[5]		
	1980	1990	1997		1980	1990	1997	1980	1990	1997
1	2	3	4	5	6	7	8	9	10	11
World total[6]	**4,447.1**	**5,282.0**	**5,817.2**	**45**	**541,556**	**596,853**	**668,450**	**96**	**99**	**102**
Africa										
Algeria[7]	18.7	24.9	29.3	12	3,119	4,189	[8]4,675	94	100	[8]107
Angola	7.0	9.2	11.7	9	1,301	[10]990	—	175	92	—
Burkina Faso	6.9	9.1	10.5	38	202	504	[9]701	17	33	[9]40
Cameroon	8.7	11.5	13.9	30	1,379	1,964	[8]1,921	98	101	[8]85
Cote d'Ivoire	8.2	11.7	14.2	45	1,025	1,415	[8]1,736	75	67	[8]71
Democratic Rep of the Congo	27.0	37.4	46.7	21	4,196	4,562	[10]5,418	92	70	[10]72
Egypt[7]	43.7	56.3	60.4	61	4,663	6,964	7,499	73	94	101
Ethiopia	36.4	48.1	59.8	60	2,131	2,466	[8]4,008	37	33	[8]43
Ghana[7]	10.8	15.0	18.0	79	[12]1,378	1,945	[10]2,155	79	75	[10]79
Kenya[7]	16.6	23.5	28.6	50	3,927	5,392	[8,15]5,545	115	95	[9]85
Madagascar	9.1	12.6	14.2	24	1,724	1,571	[9]1,638	130	103	[9]92
Malawi	6.2	9.3	10.3	109	810	1,401	[9]2,887	60	68	[9]134
Mali	6.9	7.9	10.3	8	291	395	863	26	26	49
Morocco[7]	19.4	24.0	27.3	61	2,172	2,484	[8]3,161	83	67	[8]86
Mozambique[7]	12.1	14.2	16.6	21	[19]1,387	1,260	[9]1,415	—	67	[9]60
Nigeria[8]	72.0	96.2	117.7	129	12,117	13,607	[10]16,191	109	91	[10]98
South Africa	29.2	37.1	40.7	33	[15]4,353	6,952	[9]8,159	90	122	[9]133
Sudan[7]	18.7	24.1	27.7	12	1,464	2,043	[8]3,000	50	53	[8]51
Uganda	13.1	16.6	20.3	102	[23]1,292	[15,23]2,470	[9]2,912	50	74	[9]74
United Republic of Tanzania	18.6	25.5	31.3	35	3,368	3,379	4,058	93	70	66
Zimbabwe	7.1	9.9	11.5	30	1,235	2,116	2,511	85	116	112
Asia										
Afghanistan[7]	16.1	14.8	24.1	37	1,116	623	[8]1,312	34	27	[9]49
Bangladesh	88.2	109.8	123.6	950	8,240	11,940	—	61	72	—
Cambodia	6.5	8.7	11.2	64	1,328	1,330	2,012	—	121	113
China	998.9	1,155.3	1,227.2	132	146,270	122,414	139,954	113	125	123
Hong Kong	5.0	5.7	6.5	6568	540	525	[9]468	107	102	[9]94
India	688.9	850.8	962.4	324	73,873	99,118	[8]110,390	83	97	[8]100
Indonesia	151.0	182.8	200.4	111	25,537	29,754	[8]29,236	107	115	[8]113
Iran, Islamic Republic of	39.3	59.2	60.9	38	4,799	9,370	[8]9,238	[20]98	112	[8]98
Iraq	13.0	18.1	21.9	50	2,616	3,328	[9]2,904	113	111	[9]85
Japan	116.8	123.5	126.1	335	11,827	9,373	7,855	101	100	101
Kazakhstan	14.9	16.7	15.8	6	1,064	1,197	[8]1,342	84	87	[8]98
Korea, North (DPR)	17.7	20.4	22.9	190	—	—	—	—	—	—
Korea, South (Republic of)	38.1	42.9	46.0	466	5,658	4,869	3,794	110	105	94
Malaysia	13.8	17.9	21.7	66	2,009	2,456	[15]2,841	93	94	101
Myanmar	33.8	41.4	43.9	67	4,148	5,385	[9]5,414	91	106	[9]121
Nepal[7]	14.5	18.8	22.3	156	1,068	2,789	[8]3,448	86	108	[8]113
Pakistan	85.3	119.1	128.5	167	[28]5,474	[28]11,451	—	40	61	—
Philippines	48.3	60.8	73.5	247	[12]8,034	10,427	12,159	112	111	117
Saudi Arabia	9.6	16.0	20.1	9	927	1,877	[8]2,256	61	73	[8]76
Sri Lanka[7]	14.8	17.1	18.6	287	2,081	2,112	[8]1,844	103	106	[8]109
Syrian Arab Republic	8.7	12.4	14.9	81	1,556	2,452	[8]2,690	100	108	[8]101
Thailand	46.7	55.6	60.6	119	7,393	6,957	5,928	99	99	[8]87
Turkey	44.4	56.1	62.5	81	5,656	6,862	[8]6,389	96	99	[8]107
Uzbekistan	16.0	20.5	23.7	57	1,391	1,778	[10]1,906	81	81	[10]78
Viet Nam	53.7	66.7	75.5	232	7,887	8,862	10,431	109	103	113
Yemen	8.2	11.6	16.1	31	—	[21]2,679	[8]2,700	—	[21]79	[8]70
Europe										
Belarus[7]	9.7	10.3	10.3	49	750	615	[8]625	104	95	[8]98
Belgium	9.9	10.0	10.2	310	842	719	[9]743	104	101	[9]103
Czech Republic	10.3	10.3	10.3	133	647	546	[9]542	96	96	[9]104
France	53.9	56.7	58.6	107	4,610	4,149	[9]4,005	111	108	[8]105
Germany[31]	78.3	79.4	82.1	235	3,636	3,431	[8]3,859	—	101	[8]104
Greece	9.6	10.2	10.5	81	901	813	[8]652	103	98	[8]93
Hungary[7]	10.7	10.4	10.2	110	1,162	1,131	[9]507	96	95	[9]103
Italy[7]	56.4	57.0	57.5	196	4,423	3,056	[8]2,810	100	103	[8]101
Netherlands[7]	14.1	15.0	15.6	460	1,333	1,082	[8]1,231	100	102	[8]108
Poland[7]	35.6	38.1	38.7	127	4,167	5,189	[9]5,021	100	98	[9]96
Romania[7]	22.2	23.2	22.6	98	3,308	1,253	[8]1,405	104	91	[8]103
Russian Federation	138.7	148.3	147.3	9	6,009	7,596	[10]7,849	102	109	[10]107
Spain[7]	37.5	39.3	39.3	79	3,610	2,820	[15]2,610	109	109	[8]109
Ukraine[7]	50.0	51.9	50.7	88	3,592	3,991	[21]2,659	102	89	[21]87
United Kingdom[7]	56.3	57.6	59.0	244	4,911	4,533	[8]5,328	103	104	[8]116
Yugoslavia, Federal Republic[7]	9.5	10.2	10.6	104	—	[32]467	[8]438	—	72	[8]69
North America										
Canada	24.6	27.8	30.0	3	2,185	2,376	[8]2,448	99	103	[8]102
Cuba	9.7	10.6	11.1	101	1,469	888	[8]1,095	106	98	[8]106
Guatemala	6.9	9.2	10.5	97	803	1,165	1,545	71	78	88
Mexico	67.6	83.2	94.3	49	14,666	14,402	[8]14,651	120	114	[8]114
United States	230.4	254.1	267.7	29	20,420	22,429	[9]24,046	99	102	[9]102
South America										
Argentina	28.1	32.5	35.7	13	3,917	4,965	5,153	106	106	[8]113
Brazil	121.7	148.0	163.7	19	22,598	28,944	34,229	98	106	125
Chile	11.1	13.1	14.6	20	2,185	1,991	[8]2,242	109	100	[8]101
Colombia	26.5	32.6	40.0	39	4,168	4,247	[8,15]4,917	112	102	[8]113
Ecuador	8.0	10.3	11.9	43	1,534	1,846	[8,32]1,888	117	116	[8]127
Peru	17.3	21.6	24.4	19	3,161	3,855	4,163	114	118	123
Venezuela	15.1	19.5	22.8	26	3,158	4,053	[8]4,262	93	96	[8]91
Oceania										
Australia[7]	14.6	16.9	18.5	2	1,718	1,583	1,856	112	108	101

—Not available.

[1] Selection based on total population for midyear 1997.

[2] First level enrollment generally consists of elementary school, grades 1–6.

[3] Second level enrollment includes general education, teacher training (at the second level), and technical and vocational education. This level generally corresponds to secondary education in the United States, grades 7–12.

[4] Third level enrollment includes college and university enrollment, and technical and vocational education beyond the high school level. There is considerable variation in reporting from country to country.

[5] Data represent the total enrollment of all ages in the school level divided by the population of the specific age groups that correspond to the school level. Adjustments have been made for the varying lengths of first and second level programs. Ratios may exceed 100 because some countries have many students from outside the normal age range.

[6] Enrollment totals and ratios exclude Democratic People's Republic of Korea. Data do not include adult education or special education provided outside regular schools.

[7] Classification or data coverage of levels have been revised. Data by level may not be comparable over time.

[8] Data for 1996–97.

[9] Data for 1995–96.

[10] Data for 1994–95.

[11] Data for 1991–92.

[12] Excludes private institutions.

[13] Data refer to universities and exclude Al Azhar.

[14] Excludes non-university institutions (such as teacher training colleges and technical colleges) and excludes distance-learning universities.

[15] Estimated.

Table 396.—Selected statistics for countries with populations over 10 million, by continent: 1980, 1990, and 1997—Continued

Second level[3]						Third level[4]						Age for compulsory attendance
Enrollment in thousands			Enrollment ratio[5]			Enrollment in thousands			Enrollment ratio[5]			
1980	1990	1997	1980	1990	1997	1980	1990	1997	1980	1990	1997	
12	13	14	15	16	17	18	19	20	21	22	23	24
264,379	**315,008**	**398,116**	**47**	**52**	**60**	**51,037**	**68,613**	**88,156**	**12**	**14**	**17**	**—**
1,029	2,176	[8]2,618	33	61	[8]63	79	286	[8]347	6	11	[8]12	6–15
191	186	—	21	12	—	2	7	—	0.4	1	—	7–15
28	99	—	3	7	—	2	5	[8]9	0.3	1	[8]1	—
234	500	—	18	28	[10]27	12	33	—	2	3	—	6–12
198	361	[8]534	19	22	25	20	[11]30	[10]52	3	—	—	7–13
862	[11]1,097	[10]1,514	24	[11]21	[10]26	28	80	[10]93	1	2	[10]2	—
2,929	5,507	[8]6,727	50	76	78	716	[12,13]628	[12,13]850	16	16	[8]20	6–14
426	866	[8]819	9	14	[8]12	14	34	[8]42	0.4	1	[8]1	7–13
693	—	—	41	36	—	8	[14]10	—	2	1	—	6–14
428	[16]618	[8,15]632	20	24	[8]24	13	[14]35	—	1	2	—	6–14
—	[16]323	[16]302	—	18	[8]16	23	36	27	3	3	[8]2	6–13
26	61	[8]142	5	8	[8]17	3	5	[8]6	1	1	[8]1	—
—	84	188	8	7	13	[17]4	5	14	1	1	1	—
[8]797	1,194	[8]1,442	26	35	[8]39	112	256	[8]312	6	11	[8]11	7–16
[18]90	160	[8]185	5	8	[8]7	[19]1	[20]5	[8]7	1	3	[8]1	7–14
1,865	2,908	[10]4,451	18	25	[10]33	150	[14,21]208	—	3	[20,21]4	—	6–12
—	2,742	[10]3,571	—	74	[8]95	—	[22]439	[10]618	—	13	[8]19	7–16
384	732	[8]406	16	24	[8]21	29	[14]60	—	2	3	—	6–13
[16,23]73	[16,23]245	[16,23]256	5	13	[8]12	6	18	[8,24]35	1	1	[8]2	—
79	167	235	3	5	6	—	[11]7	18	0.3	0.3	1	7–14
75	661	806	8	50	50	8	49	[8,12]47	1	5	[8]7	7–15
137	182	[8]513	10	9	[8]22	—	24	—	—	2	—	7–13
2,659	3,593	—	18	19	—	240	434	—	3	4	—	5–10
[16]18	264	313	—	32	24	1	7	9	—	1	1	—
56,778	52,386	71,883	46	49	70	1,663	3,822	6,075	2	3	6	7–15
469	[16,25]431	[8]474	64	80	[8]73	[14]12	[11]85	[21]97	10	[11]19	[21]22	—
32,748	[16]54,180	[8]68,872	30	44	[8]49	3,545	4,951	[8]6,060	5	6	[8]7	6–14
5,722	10,965	[8]14,210	29	44	[8]56	543	[11]1,773	[8]2,303	4	9	[8]11	7–15
2,718	5,085	[8]8,777	[26]45	55	[8]77	[12,26]184	[12]312	[8,12]579	[26]5	10	[8]18	6–11
1,033	[16]1,024	[8]1,160	57	47	[8]42	107	[26]170	—	9	[26]12	—	6–12
9,558	11,026	[10]9,879	93	97	[8]103	2,412	[11]2,899	[10]3,918	31	30	[10]41	6–15
1,996	2,144	[8]1,921	93	98	[8]87	525	537	[10]483	34	40	[8]33	6–17
—	—	—	—	—	—	—	—	—	—	—	—	5–15
4,286	4,560	[8]4,662	78	90	[8]102	648	1,691	[8]2,542	15	39	68	6–15
1,084	1,456	[12]1,795	48	56	64	58	121	[8]211	4	7	[8]12	—
1,066	1,281	[16]1,923	22	23	[10]30	163	[11]196	[10,27]245	5	4	[10]5	5–10
512	709	[8]1,121	22	33	[8]42	[12]34	94	[8]106	3	5	[8]5	6–11
2,166	4,345	—	14	23	—	[26]268	—	—	[26]2	3	—	—
2,929	4,034	4,980	64	73	78	1,276	1,709	[8]2,022	24	28	[8]29	6–12
349	893	[8]1,543	29	44	[8]61	62	154	[8]274	7	12	[8]16	—
1,267	2,082	[8]2,314	55	74	[8]75	[26]59	[11,29]55	[8,29]64	3	5	[8]5	5–15
604	914	[8]958	46	52	[8]42	140	222	[10]216	17	18	[10]16	6–12
1,920	2,230	4,097	29	30	[8]56	[17]911	[20]1,156	1,522	15	[20]19	[8]22	7–15
2,218	3,808	[8]4,761	35	47	[8]58	246	750	[8]1,434	5	13	[8]21	6–14
2,879	3,195	[10]3,319	105	99	[10]94	516	603	—	28	30	—	—
[16]3,847	[8]3,236	[16]6,642	42	32	57	115	130	[8]509	2	2	[8]7	6–11
—	[21]212	[8]354	—	[21]23	[8]34	—	[11]53	[8]66	—	[11]4	[8]4	6–15
760	968	[8]1,065	98	93	[8]93	340	335	[8]329	39	48	[8]44	6–15
836	769	[8]1,059	91	103	[8]146	196	276	[8]358	28	40	[8]56	6–18
[26]1,161	1,268	[8]1,191	99	91	[8]99	[30]118	[30]118	[8]207	17	16	[8]24	6–15
5,014	5,522	[8]5,980	85	99	[8]111	1,077	1,699	[8]2,062	25	40	[8]51	6–18
8,457	7,398	[8]8,382	—	98	[8]104	1,624	2,049	[8]2,132	27	34	[8]47	6–18
740	851	[8]818	81	93	[8]95	121	283	[8]363	17	38	[8]47	6–15
357	514	[8]1,112	70	79	[8]98	101	102	[8]195	14	14	[8]24	6–16
5,308	5,118	[8]4,602	72	83	[8]95	1,118	1,452	[8]1,893	27	32	[8]47	6–14
1,391	1,402	[8]1,416	93	120	[8]132	360	479	[8]469	29	40	[8]47	5–18
1,674	1,888	[8]2,539	77	81	[8]98	589	545	[8]720	18	22	[8]25	7–15
1,148	2,838	[8]2,212	94	92	[8]78	193	193	[8]412	12	10	[8]23	7–14
12,991	13,956	[21]13,732	96	93	[21]87	5,700	5,100	[10]4,458	46	52	[10]43	6–15
3,977	4,755	[8]3,852	87	104	[8]120	698	1,222	[8]1,684	23	37	[8]51	6–16
3,406	3,408	[21]4,731	94	93	[21]91	1,684	1,652	[8]1,541	42	47	[8]42	6–15
5,342	4,336	[8]6,549	83	85	[8]129	827	1,258	[8]1,821	19	30	[8]52	5–16
—	788	[8]815	—	63	[8]62	—	[11]133	[8]172	—	[11]18	[8]22	7–15
2,323	2,292	[8]2,505	88	101	[8]105	[33]1,173	1,917	[8]1,763	57	95	[8]88	6–16
1,146	1,002	[8]713	81	89	[8]81	152	242	[8]112	17	21	[8]12	6–16
172	[11]295	385	19	[11]23	26	51	[20]70	[8]80	8	[20]8	[8]8	7–14
4,742	6,704	[8]7,914	49	53	[8]64	930	1,311	[8]1,612	14	15	[8]16	6–14
21,585	19,270	[8]21,474	91	93	[8]97	12,097	13,710	[8]14,262	56	75	[8]81	6–16
1,327	2,160	[8]2,594	56	71	[8]77	491	[11]1,008	[10]1,070	22	[11]38	[10]36	6–14
2,819	3,499	6,405	33	38	62	1,409	[34]1,540	[8,34]1,869	11	11	[8]15	7–14
538	720	[8]739	53	73	[8]75	145	[11]262	381	12	[11]21	31	6–13
1,733	[11]2,378	[8]3,318	39	50	[8]67	272	487	[8]644	9	13	[8]17	6–12
592	[16,35]786	—	53	55	[10]50	270	207	—	35	20	—	5–15
1,203	1,698	1,970	59	67	72	306	678	658	17	30	26	6–12
222	281	[8]378	21	35	[8]40	307	550	—	21	29	—	6–15
1,100	1,278	2,368	71	82	153	[36]324	[36]485	1,042	25	36	60	6–15

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[16] General education enrollment only. Excludes teacher training and vocational education enrollments.

[17] Data for 1981–82

[18] Does not include professional schools.

[19] Includes initiation classes where students learn Portuguese.

[20] Data for 1992–93.

[21] Data for 1993–94.

[22] Not including the former Independent States of Transke, Bophuthatswana, Venda, and Ciskei.

[23] Data refer to government aided and maintained schools only.

[24] Not including private non-university institutions.

[25] Day schools only.

[26] Data for 1985–86

[27] Does not include medical science.

[28] Includes preprimary education.

[29] Excludes some non-university institutions.

[30] Includes full-time students only.

[31] Data include both former East and West Germany.

[32] Data refer to the end of school year.

[33] Not including part-time students at community colleges.

[34] Not including ISCED level 7.

[35] Including vocational education.

[36] Data do not include Vocational Education and Training Institutes (VETS).

NOTE: Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: United Nations Educational, Scientific, and Cultural Organization (UNESCO), Paris, *Statistical Yearbook*, 1999; World Bank, *World Development Indicators, 2000*. (This table was prepared September 2000.)

Table 397.—Pupils per teacher in public and private elementary and secondary schools, by level of education: Selected countries, 1985 to 1999

Country	Elementary						Junior high schools (lower secondary)						Senior high schools (upper secondary)					
	1985	1990	1994	1996	1998	1999	1985	1990	1994	1996	1998	1999	1985	1990	1994	1996	1998	1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Australia	[1] 13.8	—	18.5	18.1	17.9	17.3	—	—	—	—	14.7	[2] 13.7	3.2	—	—	—	16.8	[2] 10.8
Austria	11.3	11.6	11.9	12.7	12.7	14.5	9.2	7.7	8.3	9.2	9.3	9.6	15.2	12.4	7.8	8.5	9.7	10.0
Belgium	—	—	13.3	—	14.0	13.9	—	—	—	—	—	—	—	—	—	—	—	—
Canada	18.1	17.1	16.5	17.0	21.0	18.7	16.0	15.5	19.1	20.0	21.0	18.7	16.0	15.3	19.1	19.5	23.1	20.0
Denmark	12.7	11.2	11.0	11.2	—	10.6	10.2	9.3	9.0	10.1	—	11.6	14.8	13.3	9.1	12.1	—	13.2
France	—	—	19.6	19.5	—	19.6	—	—	—	—	—	12.9	—	—	—	—	—	12.7
Germany[3]	20.7	20.3	20.5	20.9	21.6	21.0	16.9	14.6	15.7	16.0	16.3	16.4	23.7	21.0	12.0	13.1	13.6	12.4
Ireland	—	—	24.3	22.6	22.6	21.6	—	—	—	—	—	—	7.2	8.3	—	—	—	—
Italy	12.8	10.7	10.2	11.2	—	11.3	9.6	8.5	8.0	10.8	—	10.3	10.8	10.7	8.9	9.8	—	10.2
Japan	—	[1] 20.8	19.2	19.7	21.4	21.2	—	18.6	16.2	16.2	17.3	17.1	—	16.2	15.8	15.6	14.4	14.1
Netherlands	20.2	19.2	22.4	20.0	17.8	16.6	12.7	12.4	16.9	—	—	—	—	—	16.5	—	—	—
New Zealand	20.1	19.1	20.2	22.0	24.7	20.5	—	—	16.7	18.1	25.9	19.8	—	—	13.2	14.1	16.8	12.8
Norway	—	—	—	—	12.6	12.6	—	—	—	—	10.1	10.1	—	—	—	—	8.1	9.9
Portugal	—	—	12.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Spain	26.8	21.2	19.2	18.0	16.0	15.4	21.4	18.8	18.2	17.8	—	—	15.3	14.8	14.8	14.2	—	—
Sweden	11.6	10.6	12.5	12.7	13.4	13.3	10.8	10.2	10.9	12.2	13.2	13.3	13.1	11.9	14.6	15.2	17.0	15.5
Turkey	31.1	30.6	27.4	—	—	30.0	41.3	48.4	45.6	—	—	—	11.0	12.1	14.1	—	—	16.1
United Kingdom	19.7	22.0	20.7	21.3	22.0	22.5	—	18.5	16.9	16.0	16.7	17.4	11.1	13.9	15.1	15.3	16.7	[2] 12.4
United States	17.0	15.6	—	16.9	16.5	16.3	16.5	15.9	—	17.5	17.1	16.8	16.2	15.8	—	14.7	14.7	14.5

—Not available.

[1] Public schools only.

[2] Includes only general programs.

[3] Data for 1985 are for the former West Germany.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance*, various years, and unpublished data. (This table was prepared June 2001.)

Table 398.—Geography proficiency of 13-year-olds in educational systems participating in the International Assessment of Educational Progress: 1991

Country	Average percent correct			
	All geography items[1]	Geographic skills and tools[2]	Physical geography items[3]	Cultural geography items[4]
1	2	3	4	5
Hungary	69.8 (0.6)	76.3 (0.5)	67.8 (0.7)	65.0 (0.7)
Slovenia	65.3 (0.6)	67.9 (0.5)	63.6 (0.7)	64.3 (0.9)
Canada[5]	63.0 (0.5)	69.5 (0.4)	61.0 (0.6)	58.2 (0.6)
Former U.S.S.R.[6]	62.6 (1.1)	72.2 (0.9)	61.2 (1.0)	53.4 (1.8)
United States[7]	61.9 (0.8)	69.4 (0.6)	58.3 (1.0)	58.1 (1.0)
Spain[8]	60.1 (0.7)	62.4 (0.9)	58.9 (0.7)	58.9 (1.1)
Korea	59.7 (0.5)	67.8 (0.5)	52.1 (0.7)	60.3 (0.6)
Ireland	58.5 (0.6)	62.7 (0.6)	59.5 (0.8)	52.3 (0.8)
Scotland[7]	58.3 (0.6)	66.2 (0.5)	57.1 (0.8)	50.6 (0.8)

[1] All 24 geography items.

[2] Eight items testing ability to use maps, charts, and globes.

[3] Nine items testing knowledge of location of physical features and concepts of climate.

[4] Seven items testing knowledge of cultural entities and interactions between people and their environment.

[5] Eight provinces.

[6] Schools in 14 republics where instruction is in Russian.

[7] Combined school and student participation rate below 80 percent but at least 70 percent.

[8] Schools where instruction is in Spanish, in all regions except Cataluna.

NOTE: Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, International Assessment of Educational Progress, *Learning About The World*, 1992. (This table was prepared May 1993.)

Table 399.—Average 8th-grade mathematics scores by content areas, and average time spent studying out of school, by country: 1999

Country	Average achievement scale score						Distribution of daily out-of-school study time in mathematics, with mean mathematics scores					
	Mathematics overall	Fractions and number sense	Geometry	Algebra	Data representation, analysis and probability	Measurement	No time		Less than 1 hour		One hour or more	
							Percent	Mean score	Percent	Mean score	Percent	Mean score
1	2	3	4	5	6	7	8	9	10	11	12	13
International average [1]	**487 (0.7)**	**487 (0.7)**	**487 (0.7)**	**487 (0.7)**	**487 (0.7)**	**487 (0.7)**	**10 (0.1)**	**455 (1.7)**	**50 (0.2)**	**495 (0.8)**	**40 (0.2)**	**486 (0.9)**
Australia	525 (4.8)	519 (4.3)	497 (5.7)	520 (5.1)	522 (6.3)	529 (4.9)	15 (1.0)	493 (6.3)	63 (1.1)	537 (5.0)	22 (1.0)	515 (6.3)
Belgium (Flemish)	558 (3.3)	557 (3.1)	535 (4.1)	540 (4.6)	544 (3.8)	549 (4.0)	3 (0.8)	476 (21.8)	50 (1.0)	573 (3.8)	47 (1.2)	550 (3.1)
Bulgaria	511 (5.8)	503 (6.6)	524 (5.9)	512 (5.1)	493 (6.1)	497 (6.6)	12 (1.2)	494 (9.5)	45 (1.3)	516 (5.5)	43 (1.7)	521 (7.9)
Canada	531 (2.5)	533 (2.5)	507 (4.7)	525 (2.4)	521 (4.5)	521 (2.4)	11 (0.8)	527 (5.2)	61 (1.0)	542 (2.8)	28 (1.0)	510 (3.3)
Chile	392 (4.4)	403 (4.9)	412 (5.4)	399 (4.3)	429 (3.8)	412 (4.9)	17 (0.8)	384 (5.9)	54 (0.7)	400 (4.7)	29 (1.0)	394 (7.1)
Chinese Taipei	585 (4.0)	576 (4.2)	557 (5.8)	586 (4.4)	559 (5.1)	566 (3.4)	31 (1.3)	529 (4.8)	44 (0.8)	604 (3.5)	25 (1.0)	627 (4.7)
Cyprus	476 (1.8)	481 (3.0)	484 (4.6)	479 (1.6)	472 (4.6)	471 (4.0)	9 (0.6)	425 (7.2)	51 (1.1)	496 (2.7)	40 (1.1)	469 (2.4)
Czech Republic	520 (4.2)	507 (4.8)	513 (5.5)	514 (4.0)	513 (5.9)	535 (5.0)	12 (1.0)	525 (9.2)	68 (1.3)	528 (4.6)	20 (1.1)	493 (5.2)
England	496 (4.1)	497 (3.8)	471 (4.2)	498 (4.9)	506 (8.0)	507 (3.8)	— —	— —	— —	— —	— —	— —
Finland	520 (2.7)	531 (3.8)	494 (6.0)	498 (3.1)	525 (3.8)	521 (4.7)	7 (0.6)	506 (8.1)	85 (0.8)	525 (2.5)	8 (0.7)	486 (6.8)
Hong Kong	582 (4.3)	579 (4.5)	556 (4.9)	569 (4.5)	547 (5.4)	567 (5.8)	25 (1.2)	552 (6.1)	51 (0.9)	591 (3.9)	24 (1.1)	600 (4.8)
Hungary	532 (3.7)	526 (4.2)	489 (4.3)	536 (4.1)	520 (5.9)	538 (3.5)	4 (0.4)	497 (9.9)	71 (1.0)	540 (3.6)	25 (1.1)	514 (5.0)
Indonesia	403 (4.9)	406 (4.1)	441 (5.1)	424 (5.7)	423 (4.4)	395 (5.1)	10 (0.8)	396 (8.4)	38 (1.0)	405 (5.6)	51 (1.4)	406 (5.4)
Iran, Islamic Republic	422 (3.4)	437 (4.5)	447 (2.9)	434 (4.9)	430 (6.0)	401 (4.7)	3 (0.3)	375 (14.1)	22 (0.8)	425 (3.7)	75 (1.0)	427 (3.7)
Israel [2]	466 (3.9)	472 (4.4)	462 (5.4)	479 (4.5)	468 (5.1)	457 (5.1)	8 (0.6)	436 (11.3)	48 (1.1)	491 (4.2)	44 (1.4)	454 (4.3)
Italy	479 (3.8)	471 (5.0)	482 (5.6)	481 (3.6)	484 (4.5)	501 (5.0)	5 (0.5)	400 (9.5)	39 (1.2)	488 (4.5)	57 (1.3)	482 (4.0)
Japan	579 (1.7)	570 (2.6)	575 (5.1)	569 (3.3)	555 (2.3)	558 (2.4)	26 (1.2)	558 (3.8)	54 (0.9)	586 (2.0)	20 (0.9)	585 (2.5)
Jordan	428 (3.6)	432 (3.2)	449 (7.1)	439 (5.3)	436 (7.8)	438 (4.4)	8 (0.6)	374 (9.8)	33 (0.8)	441 (4.6)	60 (1.0)	445 (4.3)
Korea	587 (2.0)	570 (2.7)	573 (3.9)	585 (2.7)	576 (4.2)	571 (2.8)	34 (1.0)	560 (2.6)	45 (0.7)	598 (2.0)	21 (0.9)	610 (4.1)
Latvia (Latvian-speaking schools) [2]	505 (3.4)	496 (3.7)	522 (5.6)	499 (4.3)	495 (4.8)	505 (3.5)	3 (0.4)	480 (13.8)	58 (1.3)	516 (4.1)	40 (1.3)	493 (4.1)
Lithuania [2]	482 (4.3)	479 (4.3)	496 (5.8)	487 (3.7)	493 (3.6)	467 (4.0)	3 (0.5)	417 (15.8)	68 (1.4)	486 (4.4)	29 (1.3)	483 (5.3)
Macedonia, Republic of	447 (4.2)	437 (4.7)	460 (6.1)	465 (4.0)	442 (6.2)	451 (5.2)	6 (0.4)	429 (9.2)	49 (1.1)	461 (4.6)	45 (1.2)	448 (4.1)
Malaysia	519 (4.4)	532 (4.7)	497 (4.4)	505 (4.8)	491 (4.0)	514 (4.6)	2 (0.2)	(3) (3)	28 (0.9)	523 (6.5)	71 (1.0)	519 (4.2)
Moldova	469 (3.9)	465 (4.2)	481 (5.0)	477 (3.7)	450 (5.7)	479 (4.9)	8 (0.7)	452 (7.6)	48 (1.4)	476 (4.1)	44 (1.6)	473 (5.0)
Morocco	337 (2.6)	335 (3.6)	407 (2.2)	353 (4.7)	383 (3.5)	348 (3.5)	13 (0.9)	324 (8.0)	29 (0.9)	341 (6.6)	58 (1.5)	350 (3.2)
Netherlands	540 (7.1)	545 (7.1)	515 (5.5)	522 (7.7)	538 (7.9)	538 (5.8)	8 (1.1)	559 (14.0)	78 (1.3)	546 (6.7)	14 (1.5)	507 (12.2)
New Zealand	491 (5.2)	493 (5.0)	478 (4.2)	497 (4.7)	497 (5.0)	496 (5.3)	14 (0.9)	444 (6.7)	66 (1.2)	507 (5.3)	20 (1.2)	480 (6.6)
Philippines	345 (6.0)	378 (6.3)	383 (3.4)	345 (5.8)	406 (3.5)	355 (6.2)	5 (0.4)	288 (13.2)	42 (0.8)	363 (6.2)	53 (0.8)	347 (6.7)
Romania	472 (5.8)	458 (5.7)	487 (6.4)	481 (5.2)	453 (4.7)	491 (4.9)	9 (0.7)	417 (7.7)	25 (1.5)	457 (6.2)	66 (1.8)	494 (5.4)
Russian Federation	526 (5.9)	513 (6.4)	522 (6.0)	529 (4.9)	501 (4.8)	527 (6.0)	6 (0.5)	483 (10.0)	49 (1.3)	537 (6.7)	45 (1.5)	530 (5.2)
Singapore	604 (6.3)	608 (5.6)	560 (6.7)	576 (6.2)	562 (6.2)	599 (6.3)	5 (0.5)	562 (10.7)	34 (1.0)	612 (7.6)	61 (1.1)	604 (5.7)
Slovak Republic	534 (4.0)	525 (4.8)	527 (7.3)	525 (4.6)	521 (4.6)	537 (3.3)	6 (0.6)	535 (8.3)	70 (0.8)	542 (3.9)	23 (0.9)	513 (4.7)
Slovenia	530 (2.8)	527 (3.7)	506 (8.2)	525 (2.9)	530 (4.2)	523 (3.7)	8 (0.7)	530 (7.7)	63 (1.1)	541 (3.3)	29 (1.0)	511 (4.1)
South Africa	275 (6.8)	300 (6.0)	335 (6.6)	293 (7.7)	356 (3.8)	329 (4.8)	10 (0.8)	241 (14.1)	37 (0.7)	293 (8.6)	53 (1.1)	273 (7.9)
Thailand	467 (5.1)	471 (5.3)	484 (4.4)	456 (4.9)	476 (4.0)	463 (6.2)	6 (0.4)	424 (5.6)	45 (1.1)	459 (5.8)	49 (1.2)	482 (5.8)
Tunisia	448 (2.4)	443 (2.8)	484 (4.4)	455 (2.7)	446 (5.1)	442 (3.1)	7 (0.5)	439 (5.3)	27 (0.8)	452 (3.4)	66 (0.9)	450 (2.9)
Turkey	429 (4.3)	430 (4.3)	428 (5.7)	432 (4.6)	446 (3.3)	436 (6.5)	6 (0.6)	398 (7.1)	41 (1.0)	422 (4.4)	52 (1.4)	448 (4.7)
United States	502 (4.0)	509 (4.2)	473 (4.4)	506 (4.1)	506 (5.2)	482 (3.9)	15 (1.1)	466 (4.8)	58 (0.7)	514 (4.0)	27 (1.1)	505 (4.5)

—Not available.

[1] Data are for 8th grade or equivalent in most countries.

[2] Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.

NOTE: Standard errors appear in parentheses. Because results are rounded to the nearest whole number some totals may appear inconsistent.

SOURCE: International Association for the Evaluation of Educational Achievement, Third International Mathematics and Science Study, 1999, *TIMSS 1999 International Mathematics Report*, by Ina V.S. Mullis et al. Copyright © 2000 International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared May 2001.)

Table 400.—Instructional practices and time spent teaching mathematics in 8th-grade, by country: 1999

Country	Percent of students reporting almost always or pretty often					Number of hours mathematics is taught weekly							
	We discuss our completed homework	Teacher shows us how to do mathematics	We work on worksheets or textbooks on our own	We work on mathematics projects	We begin our homework	Less than 2 hours		At least 2, but less than 3.5 hours		At least 3.5, but less than 5 hours		5 hours or more	
						Percent	Mean score	Percent	Mean score	Percent	Mean score	Percent	Mean score
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Australia	44 (1.8)	93 (0.7)	91 (1.2)	25 (1.7)	56 (1.6)	3 (1.4)	565 (30.5)	50 (4.6)	517 (6.7)	44 (4.4)	534 (7.7)	3 (1.7)	530 (46.0)
Belgium (Flemish)	43 (1.4)	69 (0.9)	64 (1.0)	16 (1.1)	20 (1.4)	13 (3.4)	502 (18.9)	43 (3.8)	544 (7.7)	40 (2.8)	595 (4.1)	4 (1.0)	590 (11.7)
Bulgaria	48 (1.9)	89 (1.0)	32 (1.2)	15 (1.0)	21 (1.4)	14 (3.3)	543 (9.0)	73 (4.6)	498 (5.0)	8 (2.3)	525 (27.0)	4 (3.0)	606 (29.5)
Canada	62 (1.4)	92 (0.5)	92 (0.5)	28 (1.1)	82 (1.2)	[1] 3 (0.9)	503 (6.3)	[1] 26 (2.7)	523 (6.1)	[1]55 (3.2)	544 (3.9)	[1] 17 (2.2)	520 (6.4)
Chile	47 (1.3)	89 (0.9)	40 (1.1)	46 (1.6)	55 (1.2)	1 (0.7)	— —	3 (1.3)	414 (12.7)	83 (2.8)	391 (5.0)	13 (2.4)	394 (13.7)
Chinese Taipei	55 (1.0)	91 (0.5)	59 (1.2)	55 (1.2)	34 (1.0)	0 (0.0)	— —	51 (4.5)	577 (5.5)	48 (4.4)	592 (5.8)	1 (1.1)	— —
Cyprus	72 (1.1)	92 (0.7)	67 (1.0)	29 (1.0)	52 (2.3)	0 (0.0)	— —	100 (0.0)	476 (1.8)	0 (0.0)	— —	0 (0.0)	— —
Czech Republic	42 (1.8)	86 (1.1)	51 (2.4)	8 (0.6)	16 (1.6)	0 (0.0)	— —	44 (4.4)	517 (6.4)	52 (4.4)	517 (5.3)	4 (2.1)	600 (28.1)
England	62 (1.5)	93 (0.7)	88 (1.5)	35 (1.4)	27 (1.6)	[2]0 0 2	— —	[2]95 (2.0)	512 (5.3)	[2]3 (1.4)	481 (10.2)	[2]2 (1.2)	— —
Finland	37 (1.3)	67 (1.3)	90 (1.0)	7 (0.8)	47 (2.0)	4 (1.5)	518 (12.2)	87 (2.9)	520 (2.9)	7 (2.4)	535 (14.0)	1 (0.9)	— —
Hong Kong, SAR	35 (1.1)	91 (0.6)	69 (1.2)	67 (1.4)	40 (1.1)	3 (1.5)	553 (16.7)	17 (3.1)	587 (11.1)	71 (4.0)	583 (5.6)	9 (2.3)	579 (15.2)
Hungary	71 (1.5)	87 (1.0)	63 (1.7)	96 (0.4)	18 (1.2)	1 (0.8)	— —	80 (2.9)	531 (3.9)	15 (2.7)	522 (12.6)	3 (1.1)	583 (34.4)
Indonesia	48 (1.0)	88 (0.6)	36 (1.5)	86 (0.9)	13 (0.7)	3 (1.2)	409 (27.4)	1 (0.2)	— —	76 (3.8)	408 (6.1)	21 (3.7)	384 (9.4)
Iran, Islamic Republic	56 (1.0)	82 (0.7)	45 (0.9)	30 (1.1)	34 (1.3)	24 (4.0)	429 (5.7)	50 (4.8)	423 (4.9)	14 (2.9)	413 (8.9)	12 (2.6)	419 (11.4)
Israel	64 (1.3)	90 (0.6)	72 (1.2)	20 (1.0)	65 (1.5)	[1]2 (1.2)	— —	[1]29 (3.9)	481 (8.5)	[1]65 (4.1)	464 (5.8)	[1]4 (1.5)	470 (28.7)
Italy	64 (1.4)	80 (1.2)	34 (1.2)	22 (1.3)	39 (2.3)	6 (1.8)	484 (10.3)	29 (4.0)	475 (7.4)	55 (3.8)	483 (5.3)	9 (2.1)	469 (11.5)
Japan	19 (1.2)	88 (0.7)	38 (1.5)	6 (0.7)	20 (1.3)	2 (0.9)	— —	95 (2.0)	577 (2.1)	2 (1.3)	— —	1 (1.3)	— —
Jordan	76 (0.9)	92 (0.6)	45 (1.1)	40 (1.4)	59 (1.1)	0 (0.0)	— —	88 (2.8)	424 (3.7)	7 (2.2)	439 (20.1)	5 (1.9)	463 (21.0)
Korea	10 (0.5)	85 (0.8)	29 (0.7)	46 (1.2)	17 (0.7)	3 (1.1)	587 (11.7)	93 (1.8)	587 (2.1)	3 (1.1)	602 (9.6)	2 (0.9)	— —
Latvia (Latvian-speaking schools)	48 (1.8)	86 (1.0)	54 (1.2)	— —	28 (1.6)	0 (0.0)	— —	31 (4.2)	491 (5.6)	62 (3.9)	516 (4.6)	7 (2.5)	487 (17.2)
Lithuania[3]	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —
Macedonia, Republic of	72 (1.3)	86 (0.8)	66 (1.6)	37 (1.1)	30 (1.4)	1 (0.6)	— —	97 (1.2)	447 (4.4)	2 (1.0)	— —	0 (0.0)	— —
Malaysia	61 (1.0)	92 (0.5)	13 (0.7)	68 (1.1)	67 (1.3)	5 (1.8)	533 (24.0)	93 (2.1)	520 (4.6)	2 (1.2)	— —	0 (0.0)	— —
Moldova	61 (1.3)	91 (0.8)	66 (1.7)	52 (1.6)	32 (1.6)	7 (1.9)	467 (19.7)	5 (1.5)	485 (18.0)	80 (3.3)	466 (4.5)	8 (2.4)	481 (17.9)
Morocco	[4]69 (0.8)	86 (0.6)	[4]53 (1.0)	[4]49 (1.1)	[4]53 (1.2)	1 (0.6)	— —	3 (1.0)	338 (10.5)	0 0.0	— —	96 (1.1)	337 (2.9)
Netherlands	68 (3.7)	70 (2.7)	92 (1.1)	3 (0.7)	89 (1.5)	0 (0.0)	— —	100 (0.5)	537 (7.2)	0 (0.0)	— —	0 (0.0)	— —
New Zealand	55 (1.8)	92 (0.6)	89 (1.0)	33 (1.5)	43 (1.7)	2 (1.1)	— —	41 (3.8)	488 (8.3)	56 (3.9)	494 (7.0)	1 (0.0)	— —
Philippines	78 (0.8)	87 (0.8)	64 (1.0)	56 (1.2)	49 (1.1)	3 (0.9)	361 (22.5)	78 (3.4)	343 (7.1)	8 (2.5)	384 (33.0)	11 (2.5)	326 (15.0)
Romania	62 (1.4)	83 (0.9)	49 (1.1)	38 (2.0)	27 (1.6)	10 (2.4)	481 (15.3)	70 (3.9)	471 (6.8)	12 (2.3)	483 (12.0)	9 (2.5)	477 (21.8)
Russian Federation	53 (1.4)	78 (1.2)	62 (1.3)	19 (0.9)	10 (0.8)	0 (0.0)	— —	32 (3.8)	513 (8.5)	57 (4.1)	528 (7.7)	11 (2.5)	553 (13.4)
Singapore	61 (1.0)	97 (0.4)	75 (0.9)	15 (1.1)	60 (1.9)	5 (2.0)	608 (20.0)	48 (4.0)	623 (7.5)	37 (3.8)	586 (11.2)	9 (2.3)	592 (24.7)
Slovak Republic	59 (1.9)	81 (1.0)	53 (1.6)	11 (0.8)	39 (1.9)	0 (0.0)	— —	44 (4.7)	534 (6.1)	50 (4.8)	534 (5.3)	5 (2.1)	503 (15.2)
Slovenia	60 (1.7)	76 (1.5)	57 (1.8)	19 (0.9)	28 (1.9)	0 (0.0)	— —	74 (4.1)	526 (3.3)	26 (4.1)	537 (4.5)	0 (0.0)	— —
South Africa	72 (0.8)	83 (0.7)	67 (1.2)	59 (1.4)	69 (1.1)	10 (2.4)	273 (17.2)	23 (3.5)	269 (13.3)	58 (4.2)	277 (8.8)	9 (2.6)	275 (24.4)
Thailand	29 (1.2)	91 (0.7)	52 (1.1)	19 (1.0)	80 (0.9)	[1]2 (1.4)	— —	[1]58 (5.1)	461 (7.3)	[1]9 (3.3)	448 (18.5)	[1]30 (4.9)	483 (11.4)
Tunisia	63 (1.2)	85 (0.9)	57 (1.0)	77 (0.7)	32 (1.1)	1 (1.0)	— —	12 (2.6)	441 (6.7)	86 (2.8)	448 (2.8)	1 (1.0)	— —
Turkey	35 (1.1)	84 (0.7)	38 (0.9)	22 (0.8)	21 (1.2)	[1]13 (2.7)	427 (11.0)	[1]77 (3.4)	429 (5.0)	[1]5 (1.6)	415 (10.5)	[1]5 (1.6)	418 (16.3)
United States	79 (1.2)	94 (0.6)	86 (0.7)	29 (1.3)	74 (1.6)	11 (2.3)	491 (14.5)	17 (2.6)	528 (11.6)	56 (3.4)	501 (4.9)	16 (2.2)	490 (9.2)

—Not available.

[1] Teacher response data available for 70 to 84 percent of students.

[2] Teacher response data available for 50 to 69 percent of students.

[3] Lithuania tested the same cohort of students as other countries, but later in 1999, at the beginning of the next school year.

[4] Student response rate 70–84 percent.

NOTE: Data are for 8th grade or equivalent in most countries. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Third International Mathematics and Science Study 1999*, International Mathematics Report, by Ina V.S. Mullis et al. Copyright © 2000 International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared June 2001.)

Table 401.—Average 8th-grade science scores by content areas, and average time spent studying out of school, by country: 1999

Country	Average achievement scale score							Distribution of daily out-of-school study time in science, with mean science scores					
	Overall science scores	Earth science	Life science	Physics	Chemistry	Environmental and resource issues	Scientific inquiry and the nature of science	No time		Less than 1 hour		One hour or more	
								Percent	Mean score	Percent	Mean score	Percent	Mean score
1	2	3	4	5	6	7	8	9	10	11	12	13	14
International average [1]	**488 (0.7)**	**488 (0.9)**	**488 (0.7)**	**488 (0.9)**	**488 (0.8)**	**488 (0.7)**	**488 (0.7)**	**14 (0.2)**	**462 (1.2)**	**49 (0.2)**	**495 (1.0)**	**36 (0.2)**	**486 (1.0)**
Australia	540 (4.4)	519 (6.1)	530 (4.4)	531 (6.3)	520 (5.0)	530 (6.3)	535 (4.9)	21 (1.4)	510 (6.6)	65 (1.4)	553 (4.4)	14 (0.8)	533 (6.9)
Belgium (Flemish)	535 (3.1)	533 (3.5)	535 (4.6)	530 (3.5)	508 (3.3)	513 (3.5)	526 (4.9)	14 (1.1)	537 (8.7)	55 (1.2)	543 (4.0)	31 (1.4)	520 (3.9)
Bulgaria	518 (5.4)	520 (5.7)	514 (6.9)	505 (5.8)	527 (5.7)	483 (6.4)	479 (5.6)	17 (1.6)	505 (8.7)	38 (1.2)	523 (6.7)	45 (1.5)	528 (7.0)
Canada	533 (2.1)	519 (3.7)	523 (3.8)	521 (3.8)	521 (5.4)	521 (3.5)	532 (5.1)	20 (1.0)	525 (4.1)	62 (0.9)	541 (2.3)	18 (0.7)	515 (4.4)
Chile	420 (3.7)	435 (7.0)	431 (3.7)	428 (5.6)	435 (5.2)	449 (4.8)	441 (4.7)	17 (0.7)	415 (4.9)	53 (0.8)	431 (4.7)	30 (1.0)	417 (5.4)
Chinese Taipei	569 (4.4)	538 (3.0)	550 (3.3)	552 (3.9)	563 (4.3)	567 (4.0)	540 (4.9)	38 (1.3)	530 (5.7)	42 (0.9)	588 (4.4)	20 (0.9)	607 (4.7)
Cyprus	460 (2.4)	459 (5.4)	468 (3.8)	459 (2.9)	470 (3.4)	475 (4.3)	467 (4.6)	18 (0.7)	425 (6.6)	57 (0.9)	474 (3.1)	25 (1.0)	461 (5.0)
Czech Republic	539 (4.2)	533 (6.9)	544 (4.1)	526 (4.2)	512 (5.2)	516 (5.7)	522 (5.7)	18 (1.1)	529 (7.0)	62 (1.2)	546 (4.5)	20 (1.1)	530 (5.0)
England	538 (4.8)	525 (3.9)	533 (6.2)	528 (4.5)	524 (5.5)	518 (5.8)	538 (5.1)	— —	— —	— —	— —	— —	— —
Finland	535 (3.5)	520 (5.5)	520 (4.0)	520 (4.4)	535 (4.5)	514 (7.1)	528 (4.0)	8 (0.8)	514 (9.7)	84 (0.9)	541 (3.5)	8 (0.6)	511 (10.8)
Hong Kong	530 (3.7)	506 (4.3)	516 (5.5)	523 (4.9)	515 (5.2)	518 (4.9)	531 (2.8)	39 (1.3)	513 (4.2)	48 (1.0)	543 (4.0)	13 (0.6)	539 (6.6)
Hungary	552 (3.7)	560 (3.9)	535 (4.0)	543 (4.3)	548 (4.7)	501 (6.6)	526 (5.9)	6 (0.6)	505 (8.6)	49 (1.2)	558 (4.0)	45 (1.3)	554 (4.0)
Indonesia	435 (4.5)	431 (6.4)	448 (3.6)	452 (5.5)	425 (3.9)	489 (4.8)	446 (4.3)	13 (0.8)	432 (6.7)	40 (0.9)	442 (4.9)	47 (1.1)	435 (5.9)
Iran, Islamic Republic	448 (3.8)	459 (5.2)	437 (3.7)	445 (5.7)	487 (4.1)	470 (5.5)	446 (5.3)	3 (0.3)	432 (16.0)	29 (1.0)	453 (4.1)	68 (1.1)	451 (4.6)
Israel [2]	468 (4.9)	472 (5.2)	463 (4.0)	484 (5.3)	479 (4.7)	458 (4.0)	476 (8.3)	17 (0.8)	449 (7.8)	60 (1.1)	487 (4.6)	23 (1.1)	450 (6.5)
Italy	493 (3.9)	502 (5.9)	488 (4.6)	480 (4.1)	493 (4.8)	491 (5.4)	489 (4.6)	7 (0.7)	435 (8.6)	48 (1.4)	501 (4.3)	45 (1.4)	498 (4.3)
Japan	550 (2.2)	533 (6.2)	534 (5.4)	544 (2.9)	530 (3.1)	506 (5.5)	543 (2.8)	39 (1.4)	535 (3.2)	50 (1.2)	560 (2.3)	12 (0.7)	555 (7.5)
Jordan	450 (3.8)	446 (3.5)	448 (4.1)	459 (3.6)	483 (5.5)	476 (6.0)	440 (5.5)	7 (0.5)	396 (9.2)	37 (1.0)	466 (5.0)	56 (1.1)	465 (3.7)
Korea	549 (2.6)	532 (2.7)	528 (3.6)	544 (5.1)	523 (3.7)	523 (4.5)	545 (7.3)	45 (0.8)	527 (2.9)	42 (0.7)	564 (3.1)	13 (0.6)	578 (4.6)
Latvia (Latvian-speaking schools) [2]	503 (4.8)	495 (5.4)	509 (3.9)	495 (3.9)	490 (3.7)	493 (5.2)	495 (4.7)	9 (0.6)	480 (9.9)	66 (1.0)	509 (5.4)	25 (1.0)	496 (6.3)
Lithuania [2]	488 (4.1)	476 (4.4)	494 (4.6)	510 (4.3)	485 (4.6)	458 (5.1)	483 (6.4)	10 (0.9)	456 (8.2)	66 (1.2)	493 (4.8)	25 (1.2)	494 (4.9)
Macedonia, Republic of	458 (5.2)	464 (4.2)	468 (4.9)	463 (6.0)	481 (6.1)	432 (4.2)	464 (3.6)	3 (0.3)	428 (15.3)	25 (1.0)	453 (5.9)	72 (1.2)	470 (5.3)
Malaysia	492 (4.4)	491 (4.2)	479 (5.4)	494 (4.1)	485 (3.5)	502 (4.4)	488 (4.5)	4 (0.3)	460 (10.6)	36 (1.1)	493 (5.1)	60 (1.2)	495 (4.9)
Moldova	459 (4.0)	466 (4.2)	477 (3.9)	457 (5.5)	451 (5.6)	444 (6.2)	471 (3.8)	7 (0.6)	439 (10.8)	29 (1.0)	460 (5.8)	63 (1.2)	467 (4.2)
Morocco	323 (4.3)	363 (3.3)	347 (2.8)	352 (4.2)	372 (4.8)	396 (5.1)	391 (4.2)	14 (0.8)	323 (12.4)	35 (1.2)	330 (4.9)	51 (1.7)	335 (6.4)
Netherlands	545 (6.9)	534 (7.2)	536 (7.2)	537 (6.5)	515 (6.4)	526 (8.5)	534 (6.5)	6 (0.8)	530 (11.6)	80 (1.5)	555 (6.4)	15 (1.3)	507 (12.9)
New Zealand	510 (4.9)	504 (5.8)	501 (5.6)	499 (4.7)	503 (4.9)	503 (5.2)	521 (6.8)	18 (1.1)	472 (6.8)	66 (1.2)	528 (4.8)	15 (1.0)	491 (7.7)
Philippines	345 (7.5)	390 (5.0)	378 (5.7)	393 (6.3)	394 (6.5)	391 (7.6)	403 (5.5)	5 (0.4)	294 (14.4)	41 (0.8)	365 (9.7)	54 (0.9)	348 (7.7)
Romania	472 (5.8)	475 (5.5)	475 (6.0)	465 (6.8)	481 (6.1)	473 (6.6)	456 (5.5)	16 (0.9)	451 (8.4)	36 (1.0)	479 (7.8)	48 (1.3)	484 (5.6)
Russian Federation	529 (6.4)	529 (5.1)	517 (6.5)	529 (6.3)	523 (8.0)	495 (6.6)	491 (4.9)	5 (0.4)	494 (8.4)	34 (1.3)	534 (7.1)	61 (1.3)	536 (6.4)
Singapore	568 (8.0)	521 (7.3)	541 (7.2)	570 (6.7)	545 (8.3)	577 (8.3)	550 (5.9)	7 (0.6)	507 (13.2)	38 (1.1)	573 (9.9)	55 (1.2)	573 (7.1)
Slovak Republic	535 (3.3)	537 (4.3)	535 (6.2)	518 (4.1)	525 (4.9)	512 (4.5)	507 (3.9)	8 (0.7)	521 (7.5)	67 (1.2)	539 (3.7)	25 (1.2)	532 (4.8)
Slovenia	533 (3.2)	541 (4.3)	521 (3.9)	525 (4.4)	509 (5.4)	519 (3.4)	513 (4.3)	10 (0.8)	526 (6.7)	52 (1.1)	546 (3.7)	38 (1.1)	521 (4.2)
South Africa	243 (7.8)	348 (4.8)	289 (7.3)	308 (6.7)	350 (4.0)	350 (8.5)	329 (6.4)	15 (1.8)	211 (14.0)	39 (1.1)	269 (11.1)	47 (1.3)	237 (8.7)
Thailand	482 (4.0)	470 (3.9)	508 (4.5)	475 (4.2)	439 (4.3)	507 (3.0)	462 (4.2)	8 (0.5)	455 (4.8)	50 (1.1)	480 (4.8)	42 (1.2)	493 (5.2)
Tunisia	430 (3.4)	442 (2.7)	441 (5.0)	425 (6.3)	439 (3.7)	462 (5.0)	451 (3.4)	13 (0.8)	438 (8.2)	39 (0.9)	434 (5.3)	48 (1.0)	425 (2.8)
Turkey	433 (4.3)	435 (4.6)	444 (4.5)	441 (4.0)	437 (5.0)	461 (3.6)	445 (6.3)	6 (0.5)	409 (12.9)	44 (0.9)	433 (4.0)	51 (1.2)	444 (4.4)
United States	515 (4.6)	504 (4.2)	520 (4.1)	498 (5.5)	508 (4.8)	509 (6.4)	522 (4.3)	24 (1.4)	495 (6.4)	60 (1.3)	532 (4.6)	16 (0.8)	502 (5.9)

—Not available.

[1] Data are for 8th grade or equivalent in most countries.

[2] Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.

NOTE: Standard errors appear in parentheses. Because results are rounded to the nearest whole number some totals may appear inconsistent.

SOURCE: InternatThird International Mathematics and Science Study 1999, *International Science Report*, by Michael O. Martin et al. Copyright © 2000 International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared June 2001.)

Table 402.—Instructional practices and time spent teaching science in eighth grade, by country: 1999

Country	Percent of students reporting almost always or pretty often					Number of hours science is taught weekly							
	We discuss our complete homework	Teacher shows us how to do science	We work on worksheets or textbooks on our own	We work on science projects	We begin our homework	Less than 2 hours		At least 2, but less than 3.5 hours		At least 3.5, but less than 5 hours		5 hours or more	
						Percent	Mean score	Percent	Mean score	Percent	Mean score	Percent	Mean score
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Australia¹	48 (1.6)	73 (1.4)	75 (1.2)	51 (1.6)	40 (1.5)	6 (1.8)	523 (15.2)	64 (3.9)	535 (5.5)	28 (3.5)	555 (8.2)	3 (1.2)	526 (16.0)
Canada²	56 (1.4)	74 (1.2)	76 (1.1)	62 (1.5)	68 (1.8)	7 (1.6)	501 (9.0)	71 (3.5)	536 (3.3)	17 (3.2)	549 (6.6)	5 (1.5)	520 (8.7)
Chile	50 (1.1)	84 (0.9)	51 (1.0)	72 (1.2)	57 (1.1)	4 (1.5)	419 (9.9)	93 (1.9)	422 (4.2)	2 (1.2)	— —	0 (0.0)	394 —
Chinese Taipei³	50 (1.4)	88 (0.7)	61 (1.3)	52 (1.3)	29 (0.9)	—	— —	— —	— —	— —	— —	— —	— —
Cyprus²	76 (0.9)	86 (0.9)	66 (1.0)	52 (1.1)	47 (1.2)	72 (3.7)	462 (3.3)	28 (3.7)	463 (5.5)	0 (0.0)	— —	0 (0.0)	— —
England²	53 (1.6)	87 (0.9)	63 (2.1)	55 (1.6)	28 (1.3)	7 2.1	582 (19.4)	72 (4.3)	532 (6.2)	17 (4.0)	568 (16.9)	4 (1.6)	668 (21.8)
Hong Kong, SAR	33 (1.0)	86 (0.8)	54 (1.1)	43 (1.1)	34 (1.1)	4 (1.7)	525 (22.7)	79 (3.9)	532 (4.3)	7 (2.3)	551 (9.4)	10 (2.8)	514 (14.2)
Indonesia⁴	46 (1.1)	87 (0.8)	48 (1.7)	76 (1.1)	11 (0.8)	— —	— —	—— —	— —	—— —	— —	— — —	— —
Iran, Islamic Republic	49 (1.0)	89 (0.7)	43 (1.1)	38 (1.3)	33 (1.1)	29 (4.3)	455 (6.8)	54 (4.6)	445 (6.4)	9 (2.5)	458 (11.5)	8 (2.3)	454 (9.9)
Israel¹	63 (1.2)	62 (1.3)	67 (1.5)	49 (1.5)	55 (1.5)	23 (3.2)	460 (11.6)	68 (3.7)	472 (6.9)	9 (2.5)	467 (23.8)	0 (0.0)	— —
Italy	49 (1.4)	56 (1.5)	38 (1.3)	35 (1.7)	30 (1.6)	27 (3.5)	498 (5.8)	71 (3.7)	490 (5.0)	1 (0.9)	— —	1 (0.8)	— —
Japan	10 (0.8)	74 (1.1)	29 (1.3)	21 (0.8)	7 (0.6)	4 (1.3)	599 (14.2)	96 (1.3)	547 (2.4)	0 (0.0)	— —	0 (0.0)	— —
Jordan	71 (1.2)	91 (0.8)	50 (1.2)	55 (1.4)	57 (1.0)	1 (0.0)	— —	25 (3.6)	458 (9.4)	63 (4.1)	449 (4.8)	11 (2.8)	441 (15.2)
Korea	14 (0.8)	73 (1.1)	27 (0.8)	36 (1.0)	12 (0.6)	10 (1.9)	546 (4.7)	84 (2.6)	550 (2.8)	4 (1.7)	531 (8.6)	1 (0.8)	— —
Malaysia	51 (1.0)	89 (0.6)	56 (1.2)	41 (1.5)	45 (1.3)	1 (0.9)	— —	96 (1.8)	493 (4.6)	3 (1.5)	497 (26.7)	0 (0.0)	— —
New Zealand	53 (1.4)	81 (1.0)	70 (1.6)	57 (1.6)	35 (1.8)	2 (1.0)	— —	55 (4.1)	508 (6.5)	41 (4.0)	516 (8.9)	2 (1.0)	— —
Philippines	77 (0.7)	86 (0.8)	64 (0.8)	64 (1.1)	51 (1.0)	4 (1.4)	368 (35.3)	2 (1.3)	— —	2 (1.3)	— —	92 (2.4)	347 (7.8)
Singapore	58 (0.9)	85 (0.9)	75 (0.9)	39 (1.5)	44 (1.6)	5 (1.9)	497 (38.7)	42 (4.2)	550 (14.1)	50 (4.2)	586 (8.6)	4 (1.4)	608 (28.0)
South Africa	71 (0.7)	84 (1.1)	68 (0.9)	66 (1.4)	67 (1.1)	26 (3.9)	235 (15.5)	33 (4.3)	256 (17.4)	33 (4.2)	251 (18.9)	8 (2.4)	259 (31.6)
Thailand¹	36 (1.2)	75 (1.2)	56 (1.1)	42 (1.7)	81 (0.8)	1 (1.0)	— —	76 (4.2)	491 (5.5)	0 (0.0)	— —	23 (4.1)	461 (10.8)
Tunisia	54 (1.2)	79 (0.8)	44 (1.2)	69 (0.9)	29 (1.0)	63 (4.1)	432 (4.2)	36 (4.1)	425 (4.3)	1 (0.0)	— —	0 (0.0)	— —
Turkey	32 (1.0)	90 (0.7)	38 (1.0)	29 (1.0)	22 (1.2)	12 (2.8)	439 (12.4)	82 (3.0)	432 (4.3)	1 (0.7)	— —	4 (1.4)	416 (17.8)
United States¹	63 (1.9)	69 (1.4)	76 (1.5)	59 (1.3)	57 (2.0)	11 (2.3)	521 (18.3)	16 (2.3)	533 (11.4)	61 (3.0)	523 (5.0)	13 (2.0)	490 (8.0)

—Not available.

[1] Teacher response data on hours taught weekly available for 70 to 84 percent of students.

[2] Teacher response data on hours taught weekly available for 50 to 69 percent of students.

[3] Students were asked about "natural science;" data pertain to grade 8 physics/chemistry

[4] Students were asked about "IPA science;" data pertain to the composite course taught by biology and physics teachers

NOTE: Data are for 8th grade or equivalent in most countries. Standard errors appear in parentheses. In the 23 countries shown science is taught as a single subject. In other countries separate courses are offered in the different science subjects (earth science, biology, physics, and chemistry). Detail may not sum to totals due to rounding.

SOURCE: International Association for the Evaluation of Educational Achievement, Third International Mathematics and Science Study 1999, *International Science Report*, by Michael O. Martin et al. Copyright © 2000 International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared July 2001.)

Table 403.—Average size of 8th-grade mathematics classes, and frequency teachers assign mathematics homework, by country: 1999

Country	Overall average class size	Percent distribution of mathematics classes, by average size			Percent of students, by frequency and average length of mathematics assignments						
		1 to 20 students	21 to 35 students	36 or more students	Never assigning homework	Assigning homework less than once a week		Assigning homework once or twice a week		Assigning homework 3 or more times a week	
						30 minutes or less	More than 30 minutes	30 minutes or less	More than 30 minutes	30 minutes or less	More than 30 minutes
1	2	3	4	5	6	7	8	9	10	11	12
Australia	27 (0.3)	9 (2.4)	91 (2.4)	0 (0.0)	1 (0.6)	2 (1.1)	1 (0.9)	25 (3.6)	6 (2.0)	60 (3.9)	6 (2.0)
Belgium (Flemish)	19 (0.4)	58 (3.5)	42 (3.5)	0 (0.0)	5 (3.2)	18 (3.3)	3 (1.2)	48 (4.9)	9 (2.0)	15 (2.7)	2 (0.9)
Bulgaria	22 (0.6)	35 (4.4)	63 (4.8)	2 (1.3)	1 (1.0)	1 (0.6)	1 (0.5)	16 (3.5)	6 (1.7)	31 (4.5)	44 (5.6)
Canada	27 (0.3)	11 (2.1)	87 (2.3)	2 (1.0)	0 (0.0)	1 (0.7)	0 (0.0)	22 (2.8)	3 (1.5)	58 (3.5)	16 (2.6)
Chile	34 (0.6)	6 (1.5)	48 (4.3)	46 (4.1)	4 (1.7)	19 (2.9)	2 (1.0)	39 (3.9)	13 (2.8)	16 (2.6)	7 (2.2)
Chinese Taipei	39 (0.5)	0 (0.0)	14 (2.9)	86 (3.0)	0 (0.0)	2 (1.1)	2 (1.1)	27 (3.4)	23 (3.4)	21 (3.1)	25 (3.6)
Cyprus [1]	29 (0.2)	0 (0.2)	100 (0.2)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (0.1)	0 (0.0)	55 (5.1)	44 (4.9)
Czech Republic [1]	24 (0.4)	18 (4.2)	82 (4.2)	0 (0.0)	0 (0.0)	13 (3.8)	0 (0.0)	69 (5.1)	2 (1.3)	15 (3.7)	0 (0.2)
England	— —	— —	— —	— —	0 (0.0)	2 (0.8)	1 (0.3)	48 (3.9)	46 (4.1)	3 (1.4)	1 (0.6)
Finland	19 (0.3)	66 (3.7)	34 (3.7)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	11 (2.2)	1 (0.8)	79 (3.0)	9 (2.3)
Hong Kong, SAR	37 (0.5)	7 (1.8)	15 (3.0)	78 (3.4)	0 (0.0)	2 (1.2)	1 (0.0)	26 (3.1)	23 (3.7)	30 (4.0)	19 (3.1)
Hungary	21 (0.5)	48 (4.2)	51 (4.1)	1 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (1.0)	1 (0.0)	81 (2.9)	17 (3.0)
Indonesia [1]	45 (0.9)	1 (0.3)	10 (2.3)	89 (2.4)	0 (0.0)	0 (0.0)	1 (0.8)	15 (3.2)	25 (4.2)	23 (4.1)	36 (4.2)
Iran, Islamic Republic [2]	33 (0.5)	5 (1.6)	57 (4.2)	38 (4.2)	0 (0.0)	1 (0.0)	2 (0.9)	6 (1.9)	67 (4.5)	2 (1.5)	23 (4.0)
Israel [1]	26 (0.7)	31 (3.2)	50 (4.0)	19 (3.3)	1 (0.9)	1 (0.5)	1 (0.3)	6 (1.8)	2 (1.0)	35 (3.6)	53 (3.4)
Italy	20 (0.3)	55 (3.9)	44 (3.9)	1 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	5 (1.7)	12 (2.5)	15 (2.6)	68 (3.8)
Japan	36 (0.2)	1 (0.0)	41 (3.4)	58 (3.3)	9 (2.3)	34 (4.3)	6 (2.0)	27 (4.0)	8 (2.1)	14 (2.7)	3 (1.4)
Jordan	36 (0.7)	4 (1.3)	43 (3.4)	53 (3.2)	0 (0.0)	0 (0.0)	0 (0.0)	8 (2.4)	4 (1.2)	61 (4.0)	28 (3.7)
Korea	42 (0.5)	0 (0.0)	12 (2.2)	88 (2.2)	2 (0.7)	14 (2.6)	6 (2.0)	29 (3.4)	15 (2.7)	24 (3.3)	9 (2.3)
Latvia (Latvian-speaking schools) [1]	22 (0.5)	45 (4.2)	55 (4.2)	0 (0.0)	0 (0.0)	2 (1.4)	0 (0.0)	7 (2.5)	1 (0.9)	70 (3.9)	20 (3.7)
Lithuania	23 (0.3)	32 (2.8)	68 (2.8)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (1.5)	1 (0.8)	73 (4.0)	24 (3.6)
Macedonia, Republic of	28 (0.4)	10 (2.5)	84 (3.4)	6 (2.2)	0 (0.0)	1 (0.6)	0 (0.0)	16 (3.1)	4 (1.7)	44 (4.3)	36 (4.4)
Malaysia	38 (0.6)	1 (0.0)	26 (3.7)	73 (3.6)	0 (0.0)	1 (0.0)	0 (0.0)	3 (1.5)	8 (2.0)	24 (3.5)	66 (3.9)
Moldova [1]	26 (0.4)	15 (3.0)	83 (3.3)	2 (1.6)	0 (0.0)	0 (0.0)	2 (1.3)	2 (1.2)	4 (2.1)	38 (4.3)	54 (4.2)
Morocco [1]	33 (0.8)	12 (2.4)	49 (3.4)	39 (3.6)	1 (0.4)	11 (1.8)	40 (3.5)	8 (1.5)	9 (2.1)	21 (2.6)	11 (1.9)
Netherlands [1]	25 (0.5)	13 (4.1)	87 (4.1)	0 (0.0)	1 (0.6)	1 (0.6)	0 (0.0)	13 (3.3)	3 (1.3)	73 (4.4)	9 (2.6)
New Zealand	25 (0.4)	17 (2.9)	82 (2.8)	1 (0.0)	1 (0.8)	2 (1.1)	0 (0.0)	32 (3.5)	3 (1.2)	58 (3.9)	2 (1.4)
Philippines [1]	50 (0.6)	0 (0.0)	5 (1.5)	95 (1.5)	0 (0.0)	2 (1.1)	0 (0.0)	10 (2.6)	0 (0.0)	74 (3.2)	14 (3.0)
Romania	24 (0.4)	30 (2.9)	65 (3.2)	5 (1.9)	0 (0.0)	0 (0.0)	1 (0.5)	1 (1.0)	4 (1.2)	21 (3.7)	73 (3.9)
Russian Federation	24 (0.5)	19 (3.2)	81 (3.2)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.5)	0 (0.0)	42 (4.5)	57 (4.6)
Singapore	37 (0.3)	1 (0.4)	32 (3.8)	68 (3.8)	0 (0.0)	0 (0.0)	0 (0.0)	8 (2.1)	12 (2.4)	26 (4.2)	54 (4.3)
Slovak Republic	25 (0.4)	15 (2.6)	85 (2.6)	0 (0.2)	1 (0.0)	3 (1.8)	0 (0.0)	12 (3.2)	1 (0.0)	81 (3.5)	2 (1.5)
Slovenia	22 (0.3)	29 (3.2)	71 (3.2)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3 (1.5)	0 (0.0)	79 (3.1)	17 (2.8)
South Africa [1]	50 (1.4)	2 (0.8)	14 (2.6)	85 (2.7)	0 (0.0)	0 (0.0)	0 (0.0)	10 (2.6)	4 (1.4)	64 (4.1)	22 (3.2)
Thailand [1]	42 (0.9)	3 (1.0)	23 (3.9)	75 (3.7)	0 (0.0)	0 (0.0)	0 (0.0)	4 (1.5)	16 (3.3)	23 (3.6)	57 (4.4)
Tunisia	34 (0.4)	3 (1.5)	56 (3.9)	42 (4.1)	2 (1.3)	3 (1.5)	26 (3.6)	3 (1.2)	8 (2.3)	35 (4.2)	24 (3.9)
Turkey [3]	43 (1.3)	2 (1.1)	28 (3.9)	70 (3.9)	0 (0.0)	4 (1.4)	0 (0.3)	35 (4.1)	39 (4.3)	10 (2.4)	12 (2.4)
United States [1]	26 (0.7)	21 (2.6)	73 (3.0)	6 (1.4)	1 (0.7)	1 (0.7)	0 (0.0)	7 (1.6)	1 (0.6)	63 (2.8)	27 (2.4)

—Not available.

[1] Teacher response data on class size available for 70 to 84 percent of students.

[2] Teacher response data on mathematics assignments available for 50 to 69 percent of students.

[3] Teacher response data on class size available for 50 to 69 percent of students.

NOTE: Data are for 8th grade or equivalent in most countries. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, Third International Mathematics and Science Study, 1999, *TIMSS 1999 International Mathematics Report*, by Ina V.S. Mullis et al. Copyright © 2000 International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared May 2001.)

Table 404.—Eighth-grade students' perceptions about mathematics and hours spent on leisure activities, by country: 1999

Country	Students reporting that mathematics is not one of their strengths								Average hours each day ¹					
	Strongly disagree		Disagree		Agree		Strongly agree		Watching TV or videos	Playing or talking with friends	Doing jobs at home	Playing sports	Reading for enjoyment	Playing computer games
	Percent	Mean score	Percent	Mean score	Percent	Mean score	Percent	Mean score						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Australia	18 (1.1)	573 (5.8)	36 (1.0)	546 (5.3)	28 (0.9)	499 (5.2)	17 (0.8)	478 (5.4)	2.3 (0.05)	1.5 (0.03)	0.9 (0.03)	1.6 (0.03)	0.6 (0.02)	0.8 (0.05)
Belgium (Flemish)	17 (0.8)	598 (5.4)	30 (0.9)	581 (4.8)	31 (1.0)	540 (4.5)	21 (0.9)	526 (4.0)	2.1 (0.04)	1.8 (0.05)	1.0 (0.04)	1.8 (0.07)	0.6 (0.02)	0.9 (0.04)
Bulgaria	18 (1.9)	560 (10.6)	26 (1.2)	541 (6.3)	30 (1.4)	494 (4.9)	25 (1.5)	476 (5.1)	2.8 (0.05)	2.6 (0.06)	1.9 (0.04)	1.5 (0.05)	1.0 (0.03)	0.8 (0.05)
Canada	26 (1.2)	577 (3.2)	31 (0.7)	542 (3.0)	26 (1.0)	502 (4.7)	17 (0.8)	485 (3.4)	2.2 (0.03)	2.1 (0.04)	1.1 (0.03)	1.9 (0.03)	0.7 (0.04)	0.8 (0.03)
Chile	15 (0.6)	444 (8.7)	27 (0.7)	408 (4.7)	35 (0.7)	382 (4.7)	23 (0.7)	367 (5.5)	2.7 (0.05)	1.9 (0.04)	1.5 (0.03)	2.0 (0.03)	0.7 (0.02)	0.6 (0.05)
Chinese Taipei	16 (0.6)	646 (6.1)	28 (0.7)	623 (4.3)	34 (0.7)	564 (4.5)	23 (0.7)	533 (3.9)	2.0 (0.04)	1.3 (0.03)	1.0 (0.02)	1.2 (0.02)	0.9 (0.02)	0.9 (0.04)
Cyprus	23 (1.0)	525 (4.3)	34 (0.8)	492 (2.8)	27 (0.9)	445 (2.9)	16 (0.6)	438 (4.3)	2.2 (0.04)	1.8 (0.04)	0.9 (0.03)	1.4 (0.04)	0.7 (0.02)	1.0 (0.04)
Czech Republic	12 (0.9)	567 (6.9)	35 (1.2)	541 (5.0)	36 (1.1)	500 (4.7)	16 (0.9)	486 (5.8)	2.3 (0.05)	3.0 (0.07)	1.2 (0.03)	2.0 (0.05)	1.0 (0.04)	0.9 (0.05)
England	19 (0.9)	539 (6.9)	40 (1.2)	512 (4.5)	28 (1.2)	471 (4.8)	13 (0.8)	458 (6.3)	2.6 (0.05)	2.5 (0.08)	0.8 (0.02)	1.6 (0.04)	0.6 (0.02)	1.2 (0.05)
Finland	17 (0.8)	570 (4.4)	34 (1.0)	543 (3.8)	31 (1.1)	498 (2.6)	18 (1.0)	474 (3.7)	2.5 (0.04)	3.2 (0.07)	0.9 (0.02)	1.6 (0.04)	0.8 (0.02)	1.1 (0.04)
Hong Kong	11 (0.5)	619 (5.5)	31 (0.8)	606 (3.9)	39 (0.7)	573 (4.4)	20 (0.8)	549 (5.0)	2.4 (0.04)	1.3 (0.04)	0.6 (0.01)	1.0 (0.03)	0.8 (0.02)	1.0 (0.04)
Hungary	15 (0.7)	598 (5.7)	34 (1.1)	552 (4.7)	40 (1.1)	503 (3.7)	11 (0.7)	493 (5.9)	2.7 (0.05)	2.0 (0.05)	1.6 (0.04)	1.5 (0.04)	0.8 (0.02)	1.0 (0.05)
Indonesia	6 (0.4)	411 (10.6)	31 (0.8)	418 (5.2)	53 (1.0)	404 (4.6)	10 (0.5)	359 (10.7)	1.7 (0.05)	1.1 (0.02)	1.9 (0.03)	1.0 (0.02)	0.9 (0.02)	0.2 (0.05)
Iran, Islamic Republic	26 (1.0)	459 (4.6)	35 (0.7)	426 (3.3)	25 (0.9)	404 (4.5)	14 (0.6)	397 (5.2)	1.8 (0.04)	1.3 (0.04)	1.7 (0.04)	1.3 (0.06)	0.9 (0.02)	0.3 (0.04)
Israel	29 (1.0)	508 (4.2)	32 (0.8)	483 (4.5)	25 (0.8)	438 (4.0)	14 (0.7)	418 (6.3)	3.1 (0.05)	2.4 (0.04)	1.3 (0.05)	1.8 (0.05)	1.0 (0.03)	1.5 (0.05)
Italy	22 (0.9)	529 (5.6)	32 (0.9)	495 (3.6)	27 (0.8)	456 (4.9)	18 (0.9)	435 (5.0)	1.8 (0.03)	2.7 (0.05)	1.1 (0.03)	1.7 (0.03)	0.7 (0.02)	1.0 (0.03)
Japan	12 (0.5)	602 (4.9)	29 (0.7)	598 (2.7)	38 (0.6)	576 (2.7)	21 (0.7)	545 (3.3)	3.1 (0.05)	1.8 (0.04)	0.5 (0.02)	1.1 (0.03)	0.8 (0.02)	0.9 (0.05)
Jordan ²	27 (1.1)	491 (5.4)	29 (0.9)	446 (4.3)	26 (0.9)	401 (4.3)	17 (0.8)	386 (4.8)	1.7 (0.04)	1.1 (0.04)	1.3 (0.05)	1.4 (0.05)	1.4 (0.04)	0.8 (0.04)
Korea	10 (0.5)	648 (3.9)	33 (0.7)	621 (3.0)	41 (0.8)	564 (2.7)	15 (0.5)	536 (3.6)	2.9 (0.04)	1.3 (0.03)	0.6 (0.01)	0.6 (0.02)	0.6 (0.01)	0.8 (0.04)
Latvia (Latvian-speaking schools)	10 (0.7)	572 (6.2)	28 (1.1)	534 (4.9)	41 (1.0)	487 (3.8)	20 (0.9)	470 (4.3)	2.8 (0.05)	2.6 (0.06)	1.7 (0.03)	1.3 (0.03)	0.9 (0.03)	0.7 (0.05)
Lithuania	11 (0.8)	536 (7.0)	35 (1.4)	508 (5.1)	42 (1.4)	461 (3.9)	12 (0.9)	436 (6.6)	2.4 (0.05)	2.4 (0.06)	1.6 (0.05)	1.0 (0.03)	0.7 (0.02)	0.6 (0.05)
Macedonia, Republic of	13 (0.6)	501 (7.2)	27 (0.9)	474 (5.3)	37 (1.0)	441 (5.4)	24 (1.1)	423 (4.9)	2.2 (0.05)	1.8 (0.05)	1.9 (0.04)	1.8 (0.05)	1.2 (0.04)	0.7 (0.05)
Malaysia	23 (0.9)	544 (5.4)	45 (0.9)	525 (4.6)	27 (1.0)	497 (5.1)	5 (0.3)	481 (6.6)	1.9 (0.05)	1.2 (0.03)	1.8 (0.03)	1.1 (0.02)	1.1 (0.02)	0.5 (0.05)
Moldova	17 (1.0)	506 (6.0)	44 (1.2)	477 (4.6)	29 (1.0)	455 (5.5)	10 (0.7)	440 (6.9)	2.6 (0.07)	1.9 (0.06)	3.2 (0.09)	1.4 (0.04)	1.5 (0.04)	1.0 (0.07)
Morocco ³	18 (0.7)	378 (6.1)	32 (1.2)	350 (5.9)	28 (0.9)	324 (4.2)	22 (0.7)	320 (6.0)	1.1 (0.03)	0.9 (0.03)	1.5 (0.03)	1.5 (0.04)	1.4 (0.05)	0.7 (0.03)
Netherlands	16 (0.8)	570 (7.4)	28 (1.4)	557 (7.9)	36 (1.5)	529 (8.2)	20 (1.0)	515 (9.2)	2.4 (0.10)	2.6 (0.09)	0.8 (0.04)	1.8 (0.06)	0.7 (0.04)	0.9 (0.10)
New Zealand	16 (0.8)	548 (6.7)	36 (1.1)	518 (5.4)	32 (0.9)	466 (4.7)	15 (0.8)	436 (5.1)	2.5 (0.05)	1.6 (0.04)	1.0 (0.03)	1.5 (0.04)	0.7 (0.02)	0.9 (0.05)
Philippines	14 (0.5)	374 (9.6)	37 (1.1)	368 (6.9)	31 (0.8)	337 (5.7)	17 (0.8)	309 (6.1)	1.7 (0.04)	1.2 (0.03)	2.4 (0.05)	1.6 (0.04)	1.6 (0.04)	0.7 (0.04)
Romania	11 (0.7)	517 (6.2)	26 (1.1)	498 (6.5)	44 (1.3)	466 (6.3)	19 (1.0)	450 (7.1)	2.2 (0.06)	1.6 (0.05)	2.0 (0.06)	1.2 (0.04)	1.0 (0.03)	0.6 (0.06)
Russian Federation	21 (0.9)	580 (5.8)	40 (0.9)	538 (5.6)	30 (1.2)	501 (7.3)	9 (0.6)	471 (10.0)	2.6 (0.05)	3.0 (0.05)	1.5 (0.03)	1.3 (0.03)	1.2 (0.03)	0.7 (0.05)
Singapore	16 (0.7)	631 (7.3)	37 (0.7)	614 (6.1)	33 (0.8)	593 (6.4)	13 (0.6)	575 (6.9)	2.4 (0.04)	1.5 (0.04)	0.9 (0.02)	1.5 (0.04)	1.0 (0.02)	1.1 (0.04)
Slovak Republic	12 (0.7)	586 (7.8)	34 (1.1)	554 (4.4)	40 (1.2)	516 (3.9)	14 (0.8)	498 (5.6)	2.5 (0.06)	2.7 (0.06)	1.6 (0.05)	1.9 (0.04)	0.7 (0.02)	0.6 (0.06)
Slovenia	24 (0.8)	583 (4.4)	40 (1.2)	542 (3.4)	24 (0.9)	490 (3.8)	12 (0.8)	471 (5.7)	2.3 (0.05)	1.8 (0.04)	1.2 (0.03)	1.6 (0.04)	0.7 (0.02)	0.9 (0.05)
South Africa	18 (0.6)	313 (8.5)	26 (1.0)	295 (12.4)	31 (0.8)	264 (6.8)	26 (0.9)	247 (5.2)	2.0 (0.07)	1.5 (0.04)	2.0 (0.04)	2.0 (0.05)	1.8 (0.05)	0.8 (0.07)
Thailand	7 (0.4)	515 (8.5)	34 (0.9)	490 (5.2)	46 (0.9)	454 (5.3)	13 (0.5)	435 (7.5)	2.1 (0.05)	1.6 (0.04)	1.6 (0.02)	1.5 (0.03)	1.0 (0.02)	0.4 (0.05)
Tunisia	25 (0.8)	476 (3.7)	31 (0.8)	452 (3.7)	25 (0.7)	432 (5.0)	19 (0.6)	428 (3.5)	2.0 (0.04)	1.3 (0.03)	1.7 (0.04)	1.9 (0.04)	1.4 (0.03)	0.9 (0.04)
Turkey ⁴	13 (0.5)	468 (5.9)	36 (0.8)	446 (4.8)	36 (0.8)	425 (3.8)	15 (0.6)	397 (6.4)	1.6 (0.04)	1.5 (0.03)	1.1 (0.04)	1.4 (0.03)	1.2 (0.03)	0.4 (0.04)
United States	26 (0.8)	547 (4.6)	33 (0.6)	517 (4.5)	24 (0.6)	478 (4.4)	18 (0.7)	455 (4.3)	2.5 (0.06)	2.4 (0.05)	1.1 (0.03)	1.9 (0.03)	0.6 (0.02)	0.9 (0.06)

[1] Average hours based on: No time = 0; less than 1 hour = .5; 1–2 hours = 1.5; 3–5 hours = 4; more than 5 hours = 7.

[2] Student response data on reading for enjoyment available for 70 to 84 percent of students.

[3] Student response data available for 70 to 84 percent of students.

[4] Student response data for playing computer games available for 70 to 84 percent of students.

NOTE: Data are for 8th grade or equivalent in most countries. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, Third International Mathematics and Science Study, 1999, *TIMSS 1999 International Mathematics Report*, by Ina V.S. Mullis et al. Copyright © 2000 International Association for the Evaluation of Educational Achievement (IEA). (This table was prepared May 2001.)

Table 405.—Average 4th-grade mathematics scores,[1] by content areas, and average time spent studying mathematics out of school, by country: 1994–95

Country	Average percent correct by content area							Amount of daily out-of-school study time in mathematics						
	Overall mathematics scores	Whole numbers	Fractions and proportionality	Measurement, estimation, and number sense	Data representation, analysis, and probability	Geometry	Patterns, relations, and functions	No time		Less than 1 hour		1 hour or more		Average hours[2]
								Percent	Mean score	Percent	Mean score	Percent	Mean score	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Australia[3]	63 (0.6)	67 (0.6)	51 (0.7)	60 (0.7)	67 (0.8)	74 (0.7)	64 (0.9)	15 (0.9)	526 (5.6)	61 (1.2)	559 (3.2)	24 (1.0)	530 (4.4)	0.8 (0.02)
Austria[3]	65 (0.7)	74 (0.8)	51 (0.8)	69 (0.8)	66 (1.1)	67 (0.8)	64 (1.1)	4 (0.7)	555 (8.6)	58 (1.8)	571 (3.8)	38 (1.6)	546 (4.1)	1.0 (0.03)
Canada	60 (1.0)	68 (0.9)	48 (1.0)	54 (1.1)	68 (1.4)	72 (1.4)	62 (1.5)	14 (1.1)	526 (4.4)	60 (1.4)	544 (4.0)	26 (1.2)	522 (5.0)	0.8 (0.02)
Cyprus	54 (0.6)	65 (0.7)	48 (0.7)	48 (0.8)	52 (0.9)	53 (0.9)	55 (1.1)	9 (0.7)	473 (6.1)	51 (1.9)	519 (3.6)	40 (1.6)	495 (3.8)	1.1 (0.03)
Czech Republic	66 (0.6)	75 (0.6)	53 (0.8)	68 (0.7)	67 (0.9)	71 (0.7)	67 (0.9)	9 (0.9)	547 (6.6)	69 (1.2)	576 (3.6)	22 (1.1)	560 (4.3)	0.7 (0.02)
England[3]	57 (0.7)	58 (0.7)	45 (0.8)	52 (0.7)	64 (0.9)	74 (0.8)	55 (1.0)	— —	— —	— —	— —	— —	— —	— —
Greece	51 (0.9)	62 (1.0)	42 (1.1)	48 (1.0)	50 (1.2)	53 (1.2)	47 (1.2)	6 (0.5)	453 (6.8)	38 (1.6)	512 (4.1)	56 (1.7)	493 (4.0)	1.6 (0.04)
Hong Kong	73 (0.9)	79 (0.9)	66 (1.0)	69 (0.9)	76 (1.0)	74 (0.8)	73 (1.2)	6 (0.7)	550 (7.9)	44 (1.2)	595 (4.2)	50 (1.2)	586 (4.5)	1.3 (0.03)
Hungary[3]	64 (0.8)	76 (0.7)	49 (0.9)	64 (0.9)	60 (1.0)	66 (0.8)	69 (1.1)	5 (0.7)	543 (10.8)	58 (1.3)	563 (3.9)	37 (1.4)	533 (4.2)	1.0 (0.03)
Iceland	50 (0.8)	56 (0.9)	36 (1.0)	44 (0.9)	58 (1.2)	63 (1.0)	48 (1.4)	10 (0.8)	457 (4.3)	63 (1.4)	483 (3.5)	27 (1.4)	472 (3.2)	0.8 (0.02)
Iran, Islamic Republic[4]	38 (0.9)	51 (1.2)	32 (1.0)	36 (0.9)	23 (0.9)	42 (0.9)	40 (1.4)	5 (0.7)	402 (6.6)	17 (1.3)	433 (6.0)	78 (1.5)	443 (4.5)	2.3 (0.07)
Ireland	63 (0.8)	70 (0.8)	58 (1.0)	56 (0.9)	69 (0.9)	66 (0.8)	64 (1.0)	7 (0.6)	516 (7.1)	70 (1.3)	565 (3.2)	23 (1.2)	530 (4.9)	0.8 (0.02)
Israel[3,4]	59 (1.0)	71 (1.0)	48 (1.1)	54 (1.0)	64 (1.2)	62 (1.0)	60 (1.5)	14 (1.3)	525 (6.4)	46 (2.2)	535 (4.7)	40 (1.9)	528 (4.1)	1.1 (0.05)
Japan	74 (0.4)	82 (0.4)	65 (0.6)	72 (0.5)	79 (0.5)	72 (0.6)	76 (0.6)	10 (0.7)	558 (4.3)	60 (1.1)	598 (2.3)	31 (1.2)	610 (3.0)	0.9 (0.02)
Korea	76 (0.4)	88 (0.3)	65 (0.5)	72 (0.5)	80 (0.6)	72 (0.6)	83 (0.7)	14 (0.8)	593 (4.2)	44 (1.1)	610 (2.5)	42 (1.2)	621 (2.3)	1.0 (0.02)
Kuwait[3]	32 (0.5)	36 (0.5)	25 (0.5)	35 (0.6)	26 (0.6)	36 (0.6)	33 (1.0)	5 (0.7)	372 (5.7)	34 (1.4)	410 (3.0)	60 (1.5)	401 (2.8)	1.9 (0.05)
Latvia (Latvian-speaking schools)[3]	59 (1.0)	68 (0.9)	44 (1.3)	60 (1.0)	54 (1.3)	67 (1.0)	65 (1.2)	7 (0.7)	476 (7.5)	61 (1.9)	542 (6.3)	33 (1.7)	518 (5.1)	1.0 (0.03)
Netherlands[3]	69 (0.7)	75 (0.8)	60 (0.9)	70 (0.8)	75 (0.9)	71 (0.8)	65 (1.1)	47 (2.7)	593 (4.3)	39 (2.3)	578 (3.6)	14 (1.5)	541 (6.1)	0.5 (0.03)
New Zealand	53 (1.0)	57 (1.0)	41 (1.1)	49 (1.1)	61 (1.3)	66 (1.1)	52 (1.2)	21 (1.6)	488 (9.7)	54 (1.7)	512 (4.4)	25 (1.4)	493 (5.2)	0.8 (0.03)
Norway	53 (0.7)	61 (0.8)	38 (0.7)	56 (0.7)	59 (0.9)	58 (0.9)	50 (1.2)	23 (1.3)	503 (4.1)	58 (1.2)	512 (3.3)	19 (1.1)	497 (5.3)	0.6 (0.02)
Portugal	48 (0.7)	57 (0.8)	38 (0.7)	49 (0.8)	43 (1.1)	52 (1.0)	47 (1.1)	3 (0.5)	420 (9.1)	55 (1.7)	489 (3.9)	42 (1.6)	470 (3.9)	1.3 (0.03)
Scotland[4]	58 (0.8)	61 (0.8)	46 (1.0)	53 (0.9)	66 (1.0)	72 (0.8)	57 (1.0)	26 (1.8)	519 (7.2)	63 (2.0)	528 (3.8)	11 (1.0)	501 (8.9)	0.5 (0.02)
Singapore	76 (0.8)	83 (0.7)	74 (1.0)	67 (1.0)	81 (0.8)	72 (0.8)	76 (0.9)	— —	— —	— —	— —	— —	— —	— —
Slovenia[3]	64 (0.6)	74 (0.6)	50 (0.9)	64 (0.9)	64 (1.0)	72 (0.8)	68 (0.8)	3 (0.4)	502 (11.4)	57 (1.5)	563 (3.7)	40 (1.4)	548 (3.7)	1.0 (0.03)
Thailand[3]	50 (1.1)	58 (1.3)	44 (1.0)	44 (1.0)	56 (1.5)	53 (1.2)	50 (1.3)	17 (1.3)	470 (4.3)	44 (1.6)	496 (4.5)	39 (1.8)	489 (6.1)	1.0 (0.03)
United States	63 (0.6)	71 (0.7)	51 (0.8)	53 (0.6)	73 (0.9)	71 (0.7)	66 (0.9)	8 (0.5)	516 (4.4)	60 (1.1)	561 (3.1)	32 (1.1)	528 (2.9)	1.0 (0.03)

—Not available.

[1] Fourth grade students or equivalent in most countries.

[2] Average hours based on: No time = 0; Less than 1 hour = .5; 1–2 hours = 1.5; 3–4 hours = 3.5; More than 4 hours = 5.

[3] Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.

[4] Indicates a 70 to 84 percent student response rate on question about time spent studying mathematics.

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics Achievement in the Primary School Years: IEA's Third International Mathematics and Science Study*, 1997, by Albert E. Beaton et al. Copyright © 1997 Boston College, Chestnut Hill, MA. (This table was prepared July 1997.)

Table 406.—Average 4th-grade science scores,[1] by content areas, and average time spent teaching science in school, by country: 1994–95

Country	Science content areas					Average number of hours science is taught weekly to science classes							
	Overall science scores	Earth science	Life science	Physical science	Environmental issues and the nature of science	Less than 1 hour		1 to 2 hours		2 to 3 hours		More than 3 hours	
						Percent	Mean score	Percent	Mean score	Percent	Mean score	Percent	Mean score
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Australia[2,3]	66 (0.5)	61 (0.6)	72 (0.5)	63 (0.7)	63 (0.8)	35 (3.9)	556 (5.0)	55 (4.0)	568 (5.9)	5 (1.5)	562 (18.1)	5 (2.1)	562 (8.4)
Austria[2]	66 (0.7)	62 (0.8)	72 (0.7)	64 (0.8)	54 (1.0)	0 (0.0)	— —	0 (0.0)	— —	97 (1.8)	566 (3.6)	3 (1.8)	540 (30.3)
Canada	64 (0.6)	62 (0.6)	68 (0.6)	61 (0.7)	56 (0.7)	8 (2.0)	536 (10.1)	42 (3.8)	542 (5.1)	27 (3.3)	567 (5.4)	23 (3.2)	550 (4.6)
Cyprus	51 (0.5)	48 (0.7)	55 (0.5)	50 (0.7)	42 (1.0)	— —	— —	— —	— —	— —	— —	— —	— —
Czech Republic	65 (0.5)	64 (0.6)	71 (0.5)	62 (0.7)	56 (0.9)	2 (1.1)	— —	79 (3.6)	557 (3.9)	3 (1.4)	572 (6.8)	16 (3.2)	563 (7.3)
England[4,5]	63 (0.6)	61 (0.6)	68 (0.6)	60 (0.8)	56 (1.0)	6 (1.7)	540 (8.7)	27 (4.1)	548 (7.5)	44 (4.8)	556 (5.9)	23 (3.8)	550 (8.2)
Greece	54 (0.8)	52 (0.9)	61 (0.9)	49 (0.9)	43 (1.2)	— —	— —	— —	— —	— —	— —	— —	— —
Hong Kong	62 (0.7)	61 (0.6)	68 (0.7)	60 (0.8)	50 (1.1)	13 (3.4)	530 (13.3)	84 (3.7)	534 (4.3)	2 (1.5)	— —	1 (0.8)	— —
Hungary[2]	62 (0.6)	62 (0.7)	66 (0.6)	59 (0.8)	50 (0.9)	6 (2.2)	556 (13.3)	72 (4.1)	529 (3.7)	8 (3.0)	521 (8.4)	14 (3.1)	549 (10.5)
Iceland[3]	55 (0.7)	55 (0.7)	60 (0.8)	52 (0.7)	47 (1.2)	17 (4.1)	513 (7.3)	41 (5.6)	504 (7.7)	30 (5.1)	499 (6.5)	12 (4.3)	523 (6.8)
Iran, Islamic Republic	40 (0.7)	38 (0.7)	44 (0.7)	40 (0.9)	26 (0.9)	— —	— —	— —	— —	— —	— —	— —	— —
Ireland	61 (0.6)	60 (0.8)	66 (0.6)	57 (0.7)	55 (0.9)	47 (5.0)	536 (5.6)	40 (4.4)	540 (5.8)	11 (3.1)	550 (7.1)	2 (0.9)	— —
Israel[2,3,6]	57 (0.8)	51 (0.8)	61 (0.9)	55 (0.9)	51 (1.3)	0 (0.0)	— —	53 (5.6)	508 (5.5)	32 (5.8)	494 (6.9)	15 (4.3)	493 (10.6)
Japan	70 (0.3)	66 (0.4)	73 (0.3)	70 (0.4)	62 (0.6)	2 (1.3)	— —	1 (0.6)	— —	95 (1.8)	575 (1.8)	2 (1.2)	— —
Korea	74 (0.4)	72 (0.5)	76 (0.4)	75 (0.5)	70 (0.8)	0 (0.0)	— —	1 (0.6)	— —	95 (1.8)	597 (1.9)	5 (1.7)	588 (10.3)
Kuwait[2,3]	39 (0.5)	36 (0.6)	45 (0.6)	37 (0.5)	25 (0.7)	0 (0.0)	— —	1 (0.7)	— —	96 (2.0)	402 (3.9)	4 (1.8)	416 (42.2)
Latvia (Latvian-speaking schools)[2]	56 (0.8)	57 (1.0)	60 (0.8)	54 (0.9)	46 (1.2)	89 (2.9)	505 (5.7)	5 (2.2)	538 (47.2)	5 (2.2)	532 (11.9)	1 (0.8)	— —
Netherlands[2]	67 (0.5)	61 (0.6)	73 (0.5)	65 (0.6)	61 (0.9)	38 (5.1)	559 (4.0)	44 (4.8)	556 (4.5)	9 (2.6)	556 (7.2)	9 (2.7)	549 (20.1)
New Zealand[3]	60 (0.9)	57 (0.9)	66 (0.9)	57 (1.1)	54 (1.2)	29 (4.2)	542 (8.3)	48 (4.4)	536 (6.1)	14 (3.1)	537 (17.2)	9 (2.6)	509 (21.2)
Norway[3]	60 (0.6)	60 (0.6)	67 (0.7)	55 (0.7)	53 (0.9)	73 (5.0)	527 (5.4)	27 (5.0)	535 (7.6)	0 (0.0)	— —	0 (0.0)	— —
Portugal	50 (0.7)	50 (0.8)	54 (0.8)	49 (0.9)	39 (1.0)	2 (1.1)	— —	3 (1.4)	486 (28.2)	12 (3.1)	474 (8.8)	84 (3.6)	481 (4.8)
Scotland[3,4]	60 (0.8)	58 (0.9)	65 (0.8)	57 (0.8)	53 (1.2)	35 (4.7)	543 (5.9)	44 (4.7)	534 (6.4)	14 (3.3)	531 (13.2)	7 (2.5)	529 (12.5)
Singapore	64 (0.8)	58 (0.8)	70 (0.8)	64 (0.8)	53 (1.1)	0 (0.0)	— —	4 (1.5)	548 (18.9)	96 (1.5)	547 (5.1)	0 (0.0)	— —
Slovenia[2]	64 (0.7)	64 (0.7)	68 (0.7)	61 (0.8)	54 (0.8)	3 (1.9)	544 (18.9)	60 (5.3)	541 (4.6)	18 (4.0)	550 (9.5)	19 (3.4)	548 (6.8)
Thailand[2,3]	49 (0.9)	48 (0.9)	52 (0.8)	46 (1.0)	48 (1.4)	2 (1.2)	— —	9 (3.5)	463 (21.5)	17 (6.1)	469 (16.5)	73 (6.6)	477 (6.5)
United States[3]	66 (0.5)	64 (0.7)	71 (0.6)	60 (0.6)	65 (0.8)	9 (2.1)	562 (11.5)	16 (2.9)	550 (10.2)	33 (3.8)	578 (5.9)	42 (4.1)	565 (5.1)

—Not available.

[1] Fourth grade or equivalent in most countries.

[2] Did not satisfy one or more guidelines for sample participation rates, age/grade specification, or classroom sampling procedures.

[3] Teacher response rate for number of hours science is taught is 84 percent or less.

[4] Met guidelines for sample participation rates only after replacement schools were included.

[5] National defined population covers less than 90 percent of international desired population.

[6] National defined population does not cover all of international desired population.

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Science Achievement in the Primary School Years: IEA's Third International Mathematics and Science Study*, 1997, by Albert E. Beaton et al. Copyright © 1997 Boston College, Chestnut Hill, MA. (This table was prepared July 1997.)

Table 407.—Average mathematics scores, at the end of secondary school, by sex, and average time spent studying mathematics out of school, by country: 1994–95

Country	Average score in mathematics			Amount of daily out-of-school study time in mathematics						
				Less than 1 hour		One to two hours		Three or more hours		Average hours ¹
	Mathematics overall	Males	Females	Percent	Mean score	Percent	Mean score	Percent	Mean score	
1	2	3	4	5	6	7	8	9	10	11
Australia ²	522 (9.3)	540 (10.3)	510 (9.3)	59 (2.2)	521 (8.3)	36 (2.2)	557 (10.2)	5 (0.8)	534 (13.4)	1.0 (0.04)
Austria ²	518 (5.3)	545 (7.2)	503 (5.5)	77 (1.7)	526 (5.8)	19 (1.6)	533 (9.4)	4 (0.8)	502 (13.7)	0.6 (0.04)
Canada ²	519 (2.8)	537 (3.8)	504 (3.5)	56 (2.1)	539 (5.1)	38 (1.9)	547 (5.0)	7 (1.0)	526 (14.6)	1.1 (0.05)
Cyprus ²	446 (2.5)	454 (4.9)	439 (3.7)	63 (2.1)	435 (4.3)	29 (1.8)	471 (4.8)	8 (1.3)	451 (9.0)	1.0 (0.05)
Czech Republic	466 (12.3)	488 (11.3)	443 (16.8)	92 (1.5)	464 (13.8)	8 (1.4)	482 (17.8)	0 (0.2)	— —	0.4 (0.03)
Denmark ²	547 (3.3)	575 (4.0)	523 (4.0)	68 (2.0)	571 (4.9)	28 (1.6)	563 (4.7)	4 (0.7)	562 (11.9)	0.9 (0.04)
France ²	523 (5.1)	544 (5.6)	506 (5.3)	59 (2.3)	517 (5.1)	35 (2.3)	539 (6.7)	5 (0.7)	505 (14.7)	1.0 (0.04)
Germany ²	495 (5.9)	509 (8.7)	480 (8.8)	— —	— —	— —	— —	— —	— —	— —
Hungary	483 (3.2)	485 (4.9)	481 (4.8)	74 (0.9)	480 (3.2)	24 (0.8)	496 (5.5)	2 (0.2)	— —	0.7 (0.02)
Iceland ²	534 (2.0)	558 (3.4)	514 (2.2)	79 (1.1)	553 (3.2)	19 (1.1)	542 (7.0)	2 (0.4)	— —	0.7 (0.02)
Italy ²	476 (5.5)	490 (7.4)	464 (6.0)	55 (2.6)	479 (6.3)	40 (2.2)	486 (7.2)	5 (0.9)	477 (11.2)	1.0 (0.05)
Lithuania ²	469 (6.1)	485 (7.3)	461 (7.7)	67 (1.8)	472 (5.8)	29 (1.7)	480 (5.2)	4 (0.5)	484 (11.5)	0.8 (0.03)
Netherlands ²	560 (4.7)	585 (5.6)	533 (5.9)	82 (1.7)	606 (6.2)	16 (1.6)	581 (11.1)	1 (0.3)	— —	0.7 (0.03)
New Zealand	522 (4.5)	536 (4.9)	507 (6.2)	75 (1.4)	544 (6.1)	23 (1.4)	552 (5.9)	2 (0.3)	— —	0.7 (0.03)
Norway ²	528 (4.1)	555 (5.3)	501 (4.8)	85 (1.4)	541 (5.1)	14 (1.3)	558 (9.5)	1 (0.3)	— —	0.5 (0.03)
Russian Federation ²	471 (6.2)	488 (6.5)	460 (6.6)	56 (2.0)	463 (5.9)	33 (1.4)	484 (7.5)	11 (1.2)	494 (8.1)	1.2 (0.06)
Slovenia ²	512 (8.3)	535 (12.7)	490 (8.0)	72 (2.7)	521 (9.4)	25 (2.6)	518 (9.5)	2 (0.6)	— —	0.7 (0.05)
South Africa ²	356 (8.3)	365 (9.3)	348 (10.8)	33 (1.8)	394 (17.1)	51 (1.8)	375 (10.9)	17 (1.2)	344 (7.2)	1.7 (0.05)
Sweden	552 (4.3)	573 (5.9)	531 (3.9)	90 (0.9)	579 (5.4)	9 (0.9)	580 (7.8)	1 (0.2)	— —	0.4 (0.02)
Switzerland	540 (5.8)	555 (6.4)	522 (7.4)	67 (1.6)	569 (4.9)	28 (1.3)	550 (5.6)	5 (0.9)	522 (10.6)	0.9 (0.04)
United States ²	461 (3.2)	466 (4.1)	456 (3.6)	76 (1.5)	475 (3.8)	22 (1.5)	486 (5.9)	2 (0.2)	— —	0.7 (0.02)

—Not available.

[1] Average hours based on: No time = 0; Less than 1 hour = .5; 1–2 hours = 1.5; 3–5 hours = 4; More than 5 hours = 7.

[2] Countries not meeting all International Association for the Evaluation of Education Achievement's sampling specifications.

NOTE: End of secondary school is equivalent to 12th-grade in the U.S. and a few other countries, but ranges from 9th- to 14th-grade among the survey countries. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics and Science Achievement in the Final Year of Secondary School: IEA's Third International Mathematics and Science Study, 1998*, by Ina V.S. Mullis et al. Copyright © 1998 Boston College, Chestnut Hill, MA. (This table was prepared October 1998.)

Table 408.—Average science scores, at the end of secondary school, by sex, and average time spent studying science out of school, by country: 1994–95

Country	Average score in science			Amount of daily out-of-school study time in science						
				Less than 1 hour		One to two hours		Three or more hours		Average hours[1]
	Science overall	Males	Females	Percent	Mean score	Percent	Mean score	Percent	Mean score	
1	2	3	4	5	6	7	8	9	10	11
Australia[2]	527 (9.8)	547 (11.5)	513 (9.4)	58 (1.8)	540 (9.5)	35 (1.7)	575 (6.9)	7 (1.0)	588 (33.0)	1.0 (0.04)
Austria[2]	520 (5.6)	554 (8.7)	501 (5.8)	87 (1.4)	529 (6.0)	11 (1.4)	526 (13.8)	1 (0.3)	— —	0.4 (0.03)
Canada[2]	532 (2.6)	550 (3.6)	518 (3.8)	57 (2.1)	554 (4.2)	35 (1.8)	567 (6.8)	8 (0.9)	537 (18.0)	1.1 (0.05)
Cyprus[2]	448 (3.0)	459 (5.8)	439 (3.0)	80 (1.1)	436 (3.7)	16 (0.9)	483 (10.7)	4 (0.6)	552 (11.8)	0.5 (0.03)
Czech Republic	487 (8.8)	512 (8.8)	460 (11.0)	84 (2.6)	520 (11.6)	14 (2.3)	571 (11.5)	3 (0.5)	583 (13.6)	0.5 (0.05)
Denmark[2]	509 (3.6)	532 (5.4)	490 (4.1)	73 (1.8)	555 (4.7)	25 (1.6)	570 (6.1)	3 (0.6)	565 (15.0)	0.7 (0.03)
France[2]	487 (5.1)	508 (6.7)	468 (4.8)	59 (2.0)	497 (5.7)	35 (1.8)	525 (7.0)	6 (0.8)	515 (9.1)	1.0 (0.04)
Germany[2]	497 (5.1)	514 (7.9)	478 (8.5)	— —	— —	— —	— —	— —	— —	— —
Hungary	471 (3.0)	484 (4.2)	455 (4.3)	67 (1.2)	475 (3.9)	27 (0.9)	486 (4.9)	6 (0.6)	497 (11.5)	0.4 (0.03)
Iceland[2]	549 (1.5)	572 (2.7)	530 (2.1)	87 (1.0)	566 (2.5)	12 (1.0)	575 (4.6)	1 (0.3)	— —	0.9 (0.01)
Italy[2]	475 (5.3)	495 (6.7)	458 (5.6)	70 (2.8)	487 (6.3)	25 (2.5)	482 (9.7)	5 (1.2)	462 (13.9)	0.8 (0.06)
Lithuania[2]	461 (5.7)	481 (6.4)	450 (7.3)	69 (1.5)	465 (5.5)	26 (1.3)	469 (6.5)	5 (0.6)	470 (11.4)	0.8 (0.03)
Netherlands[2]	558 (5.3)	582 (5.7)	532 (6.2)	78 (2.8)	593 (6.4)	20 (2.9)	605 (16.9)	1 (0.4)	— —	0.7 (0.03)
New Zealand	529 (5.2)	543 (7.1)	515 (5.2)	80 (1.1)	551 (6.3)	18 (1.1)	581 (6.6)	3 (0.5)	553 (15.3)	0.6 (0.02)
Norway[2]	544 (4.1)	574 (5.1)	513 (4.5)	74 (2.4)	592 (7.1)	23 (2.2)	598 (10.8)	3 (0.7)	583 (23.8)	0.5 (0.02)
Russian Federation[2]	481 (5.7)	510 (5.7)	463 (6.7)	61 (1.6)	478 (6.0)	30 (1.3)	488 (7.0)	10 (0.8)	501 (8.0)	1.1 (0.04)
Slovenia[2]	517 (8.2)	541 (12.7)	494 (6.4)	85 (2.0)	528 (8.1)	13 (1.9)	548 (8.9)	2 (0.6)	— —	0.5 (0.04)
South Africa[2]	349 (10.5)	367 (11.5)	333 (13.0)	47 (1.6)	373 (15.5)	35 (1.3)	367 (12.2)	18 (1.4)	326 (7.3)	1.5 (0.05)
Sweden	559 (4.4)	585 (5.9)	534 (3.5)	81 (1.9)	599 (7.4)	17 (1.8)	632 (10.1)	2 (0.5)	— —	0.6 (0.03)
Switzerland	523 (5.3)	540 (6.1)	500 (7.8)	76 (2.3)	564 (6.6)	21 (2.3)	564 (10.9)	3 (0.9)	508 (29.0)	0.7 (0.04)
United States[2]	480 (3.3)	492 (4.5)	469 (3.9)	76 (2.1)	505 (4.3)	21 (2.1)	517 (5.7)	2 (0.4)	— —	0.7 (0.04)

—Not available.

[1] Average hours based on: No time = 0; Less than 1 hour = .5; 1–2 hours = 1.5; 3–5 hours = 4; More than 5 hours = 7.

[2] Countries not meeting all International Association for the Evaluation of Education Achievement's sampling specifications.

NOTE: End of secondary school is equivalent to 12th-grade in the U.S. and a few other countries, but ranges from 9th- to 14th-grade among the survey countries. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics and Science Achievement in the Final Year of Secondary School: IEA's Third International Mathematics and Science Study, 1998*, by Ina V.S. Mullis et al. Copyright © 1998 Boston College, Chestnut Hill, MA. (This table was prepared October 1998.)

Table 409.—Reading literacy test scores of 9-year-olds: Selected countries, 1992

Country	Grade tested	Mean age	Overall mean score	Narrative[1] 1st quartile	Narrative[1] mean score	Narrative[1] 3rd quartile	Expository[2] mean score	Documents[3] mean score
1	2	3	4	5	6	7	8	9
Finland	3	9.7	569 (3.4)	508	568 (3.0)	602	569 (3.1)	569 (4.0)
United States	4	10.0	547 (2.8)	476	553 (3.1)	619	538 (2.6)	550 (2.7)
Sweden	3	9.8	539 (2.8)	467	536 (2.6)	592	542 (2.7)	539 (3.2)
France	4	10.1	531 (4.0)	467	532 (4.1)	580	533 (4.1)	527 (3.9)
Italy	4	9.9	529 (4.3)	468	533 (4.0)	576	538 (4.0)	517 (4.9)
New Zealand	5	10.0	528 (3.3)	452	534 (3.5)	594	531 (3.1)	521 (3.3)
Norway	3	9.8	524 (2.6)	455	525 (2.8)	576	528 (2.3)	519 (2.8)
Iceland[4]	3	9.8	518 (0.0)	448	518 (0.0)	571	517 (0.0)	519 (0.0)
Hong Kong	4	10.0	517 (3.9)	431	494 (4.1)	548	503 (3.4)	554 (4.2)
Singapore	3	9.3	515 (1.0)	450	521 (1.1)	567	519 (1.0)	504 (1.0)
Switzerland	3	9.7	511 (2.7)	438	506 (2.6)	566	507 (2.7)	522 (2.8)
Ireland	4	9.3	509 (3.6)	445	518 (3.7)	571	514 (3.2)	495 (3.8)
Belgium[5]	4	9.8	507 (3.2)	439	510 (3.3)	558	505 (2.8)	506 (3.5)
Greece	4	9.3	504 (3.7)	447	514 (3.8)	567	511 (3.6)	488 (3.8)
Spain	4	10.0	504 (2.5)	429	497 (2.4)	543	505 (2.3)	509 (2.7)
Germany (former West)	3	9.4	503 (3.0)	421	491 (2.8)	543	497 (2.9)	520 (3.2)
Canada[6]	3	8.9	500 (3.0)	437	502 (3.5)	566	499 (2.7)	500 (2.8)
Germany (former East)	3	9.5	499 (4.3)	414	482 (4.2)	531	493 (3.6)	522 (5.0)
Hungary	3	9.3	499 (3.1)	437	496 (2.9)	541	493 (3.1)	509 (3.5)
Slovenia	3	9.7	498 (2.6)	435	502 (2.7)	570	489 (2.5)	503 (2.5)
Netherlands	3	9.2	485 (3.6)	425	494 (3.3)	539	480 (3.4)	481 (3.9)
Cyprus	4	9.8	481 (2.3)	421	492 (2.4)	548	475 (2.3)	476 (2.1)
Portugal	4	10.4	478 (3.6)	419	483 (3.3)	531	480 (3.0)	471 (4.5)
Denmark	3	9.8	475 (3.5)	386	463 (3.4)	539	467 (3.5)	496 (3.6)
Trinidad/Tobago	4	9.6	451 (3.4)	383	455 (3.6)	502	458 (3.4)	440 (3.3)
Indonesia	4	10.8	394 (3.0)	351	402 (2.8)	436	411 (3.2)	369 (3.0)
Venezuela	4	10.1	383 (3.4)	322	378 (3.2)	426	396 (3.3)	374 (3.7)

[1] Narrative prose is continuous text in which the writer's aim is to tell a story.

[2] Expository prose is continuous text designed to describe, explain, or otherwise convey factual information or opinion to the reader.

[3] Documents are structured information presented in the form of charts, tables, maps, graphs, lists, or sets of instructions.

[4] Iceland tested all students, therefore standard errors are not applicable.

[5] Only French-speaking students were tested.

[6] British Columbia only.

NOTE: Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *How in the World Do Students Read?*, 1992. (This table was prepared April 1993.)

Table 410.—Reading literacy test scores of 14-year-olds: Selected countries, 1992

Country	Grade tested	Mean age	Overall mean score	Narrative[1] mean score	Expository[2] 1st quartile	Expository[2] mean score	Expository[2] 3rd quartile	Documents[3] mean score
1	2	3	4	5	6	7	8	9
Finland	8	14.7	560 (2.5)	559 (2.8)	493	541 (2.2)	575	580 (2.5)
France	9	15.4	549 (4.3)	556 (4.2)	484	546 (4.3)	580	544 (4.2)
Sweden	8	14.8	546 (2.5)	556 (2.6)	469	533 (2.4)	576	550 (2.4)
New Zealand	10	15.0	545 (5.6)	547 (5.7)	457	535 (5.7)	597	552 (5.3)
Hungary	8	14.1	536 (3.3)	530 (3.1)	469	536 (3.6)	577	542 (3.2)
Iceland[4]	8	14.8	536 (0.0)	550 (0.0)	472	548 (0.0)	617	509 (0.0)
Switzerland	8	14.9	536 (3.2)	534 (3.4)	466	525 (3.2)	572	549 (3.0)
Hong Kong	9	15.2	535 (3.7)	509 (3.7)	480	540 (3.8)	576	557 (3.8)
United States	9	15.0	535 (4.8)	539 (4.9)	456	539 (5.6)	599	528 (4.0)
Singapore	8	14.4	534 (1.1)	530 (1.1)	476	539 (1.2)	574	533 (1.1)
Slovenia	8	14.7	532 (2.3)	534 (2.6)	471	525 (2.2)	576	537 (2.2)
Germany (former East)	8	14.4	526 (3.5)	512 (3.9)	464	523 (3.5)	566	543 (2.9)
Denmark	8	14.8	525 (2.1)	517 (2.0)	458	524 (2.2)	573	532 (2.1)
Portugal	9	15.6	523 (3.1)	523 (2.5)	469	523 (3.4)	556	523 (3.4)
Canada[5]	8	13.9	522 (3.0)	526 (3.1)	449	516 (3.1)	569	522 (2.7)
Germany (former West)	8	14.6	522 (4.4)	514 (4.9)	453	521 (4.5)	573	532 (3.9)
Norway	8	14.8	516 (2.3)	515 (2.1)	464	520 (2.4)	569	512 (2.4)
Italy	8	14.1	515 (3.4)	520 (3.6)	459	524 (3.2)	565	501 (3.3)
Netherlands	8	14.3	514 (4.9)	506 (4.8)	442	503 (4.7)	546	533 (5.3)
Ireland	9	14.5	511 (5.2)	510 (5.3)	439	505 (5.3)	555	518 (4.9)
Greece	9	14.4	509 (2.9)	526 (2.9)	450	508 (3.1)	548	493 (2.6)
Cyprus	9	14.8	497 (2.2)	516 (2.2)	427	492 (2.4)	536	482 (2.0)
Spain	8	14.2	490 (2.5)	500 (3.0)	435	495 (2.6)	536	475 (2.0)
Belgium[6]	8	14.3	481 (4.9)	484 (5.1)	415	477 (4.8)	522	483 (4.7)
Trinidad/Tobago	9	14.4	479 (1.7)	482 (1.7)	408	485 (1.8)	537	472 (1.7)
Thailand	9	15.2	477 (6.2)	468 (6.6)	429	486 (5.9)	533	478 (6.2)
Philippines	8	14.5	430 (3.9)	421 (3.6)	378	439 (4.1)	472	430 (3.9)
Venezuela	9	15.5	417 (3.1)	407 (2.9)	381	433 (3.3)	482	412 (3.0)
Nigeria[7,8]	9	15.3	401 (—)	402 (—)	351	406 (—)	441	394 (—)
Zimbabwe[8]	9	15.5	372 (3.8)	367 (3.3)	326	374 (3.6)	411	373 (4.6)
Botswana	9	14.7	330 (2.0)	340 (1.6)	294	339 (1.9)	371	312 (2.4)

—Not available.

[1] Narrative prose is continuous text in which the writer's aim is to tell a story.

[2] Expository prose is continuous text designed to describe, explain, or otherwise convey factual information or opinion to the reader.

[3] Documents are structured information presented in the form of charts, tables, maps, graphs, lists, or sets of instructions.

[4] Iceland tested all students, therefore standard errors are not applicable.

[5] British Columbia only.

[6] Only French-speaking students were tested.

[7] Insufficient data to calculate the standard error.

[8] Sampling response rate of schools was below 80 percent.

NOTE: Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *How in the World Do Students Read?*, 1992. (This table was prepared April 1993.)

Table 411.—Number of bachelor's degree recipients per 100 persons of the theoretical age of graduation, by sex: Selected countries, 1989 to 1999

Country	Men and women						Men					Women				
	1989	1990	1992	1995	1996	1999	1989	1990	1992	1995	1996	1989	1990	1992	1995	1996
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Australia	19.6	—	28.5	34.9	36.0	27.0	18.9	—	23.7	27.6	28.9	21.1	—	33.6	42.7	43.3
Austria	6.6	7.7	—	9.8	10.5	12.0	7.6	8.5	—	10.6	11.4	5.5	6.8	—	8.9	9.6
Belgium¹	16.5	17.1	—	—	15.9	17.8	18.9	19.5	—	—	16.7	14.1	14.7	—	—	15.2
Canada	—	—	32.2	31.8	31.9	29.3	—	—	27.6	26.4	26.5	—	—	37.6	37.4	37.4
Czech Republic	—	—	—	—	—	10.8	—	—	—	—	—	—	—	—	—	—
Denmark	12.9	15.0	22.3	28.5	28.0	—	11.5	13.3	17.7	25.1	23.1	14.4	16.9	27.2	31.9	33.0
Finland	16.9	17.1	—	22.2	23.9	33.9	17.1	17.0	—	22.0	22.4	16.6	17.1	17.9	22.3	25.6
France	13.8	14.9	—	—	—	24.9	13.7	14.7	—	—	—	13.9	15.1	—	—	—
Germany²	13.2	12.9	—	16.2	16.1	16.0	16.1	15.7	—	18.2	18.2	10.1	10.0	—	14.0	13.5
Hungary	—	—	—	—	—	26.9	—	—	—	—	—	—	—	—	—	—
Iceland	—	—	—	—	—	28.9	—	—	—	—	—	—	—	—	—	—
Ireland	16.4	17.4	17.8	21.2	25.5	26.0	31.9	17.5	17.9	19.9	24.6	—	17.3	17.7	22.7	26.4
Italy	8.9	9.2	—	11.8	12.6	16.0	9.1	9.3	—	10.8	11.4	8.7	9.0	—	12.9	13.8
Japan	—	22.1	23.2	22.8	22.9	29.0	—	31.5	31.9	30.4	30.7	—	12.4	14.0	14.9	14.9
Korea, Republic of	—	—	—	—	—	27.1	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	11.2	—	—	—	—	—	—	—	—	—	—
Netherlands	10.2	8.0	17.6	22.0	19.6	33.5	12.3	9.4	17.3	20.6	18.2	7.9	6.5	17.8	23.4	21.1
New Zealand	36.1	15.3	17.2	24.7	30.8	37.3	16.6	15.4	16.9	20.9	26.2	15.5	15.1	17.4	28.6	35.4
Norway	24.6	27.5	19.0	23.0	27.4	33.0	18.1	19.1	14.5	17.2	20.2	31.7	36.3	23.7	28.9	34.8
Portugal	—	7.6	—	14.6	15.7	—	—	5.9	—	10.8	11.3	—	9.3	—	18.3	20.2
Spain	17.7	18.6	—	24.0	26.1	30.3	14.6	15.3	—	19.6	21.5	21.0	22.0	—	28.6	31.0
Sweden	13.0	12.2	14.1	15.5	19.1	27.2	11.1	10.5	11.8	14.0	15.1	15.1	14.0	16.4	17.0	23.3
Switzerland	7.7	7.7	—	9.1	9.3	20.5	10.1	10.3	—	11.4	11.5	5.3	5.1	—	6.8	7.2
Turkey	6.0	6.1	6.1	7.0	—	9.6	7.3	7.5	7.5	8.6	—	4.6	4.5	4.6	5.2	—
United Kingdom	—	—	20.4	31.6	34.4	36.8	—	—	21.0	30.3	32.7	—	—	19.8	32.9	36.2
United States	27.3	28.6	27.4	33.2	34.7	33.2	25.5	26.2	24.6	29.3	30.6	29.2	31.1	30.3	37.3	38.9

—Not available.

[1] Data for Flemish Belgium only.

[2] Data for 1989 are for the former West Germany.

NOTE: The graduation rate relates the number of people with bachelor's degrees to the number of people in the population at typical age of graduation. Data for 1999 reflect a reclassification of degree levels and may not be comparable to figures for earlier years.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance 2001*, and unpublished tabulations. (This table was prepared January 2002.)

Table 412.—Percent of bachelor's degrees awarded in science: Selected countries, 1985 to 1999

Country	All science degrees					Natural sciences					Mathematics and computer science					Engineering				
	1985	1990	1995	1996	1999	1985	1990	1995	1996	1999	1985	1990	1995	1996	1999	1985	1990	1995	1996	1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Australia	—	—	19.3	20.1	19.4	—	—	9.9	10.0	7.0	—	—	3.8	4.1	4.5	—	—	5.6	6.0	7.9
Austria	16.8	19.6	21.1	22.1	26.0	5.0	5.3	6.0	6.2	6.3	4.1	5.2	5.3	5.1	3.2	7.7	9.0	9.9	10.8	16.5
Belgium¹	—	—	—	24.4	25.3	4.6	—	—	3.1	6.1	1.7	—	—	1.8	2.3	—	—	—	19.5	17.0
Canada	17.1	16.4	16.7	17.4	19.7	4.9	6.0	6.5	6.7	8.2	4.5	4.2	3.8	4.0	4.0	7.7	6.2	6.4	6.7	7.5
Czech Republic	—	—	—	—	29.3	—	—	—	—	3.8	—	—	—	—	3.0	—	—	—	—	22.5
Denmark	—	—	—	—	—	6.3	4.4	2.5	1.4	—	—	—	—	3.3	—	16.2	21.7	17.0	15.1	—
Finland	39.3	33.5	37.2	35.7	33.2	7.7	4.1	4.0	4.1	0.6	6.3	5.9	6.9	6.0	2.4	25.3	23.4	26.3	25.6	30.2
Germany²	23.8	31.3	31.6	31.1	33.5	5.0	7.2	6.7	6.6	6.9	2.3	3.5	5.2	5.0	5.2	16.5	20.5	19.7	19.5	21.4
Hungary	—	—	—	—	17.3	—	—	—	—	1.1	—	—	—	—	1.3	—	—	—	—	14.9
Iceland	—	—	—	—	13.6	—	—	—	—	6.1	—	—	—	—	2.6	—	—	—	—	4.9
Ireland	28.8	34.1	32.3	28.0	25.8	12.8	14.1	16.9	12.2	8.8	4.0	6.3	4.7	6.3	7.1	12.0	13.7	10.7	9.6	10.0
Italy	19.5	19.7	19.5	19.9	27.6	8.1	7.6	6.8	6.6	6.0	3.1	3.9	3.8	3.7	3.4	8.3	8.3	8.9	9.6	18.2
Japan	22.7	23.5	22.8	—	18.9	2.4	2.4	3.4	3.4	—	—	—	—	—	—	20.3	21.0	19.3	19.3	18.9
Korea, Republic of	—	—	—	—	36.7	—	—	—	—	6.3	—	—	—	—	4.5	—	—	—	—	25.9
Mexico	—	—	—	—	22.9	—	—	—	—	2.1	—	—	—	—	7.0	—	—	—	—	13.8
Netherlands	21.8	21.1	—	16.0	16.5	8.5	7.1	—	1.6	3.2	1.2	1.6	1.6	1.7	1.7	12.1	12.4	—	12.8	11.6
New Zealand	20.5	19.5	—	—	18.6	11.7	8.2	—	—	12.1	5.5	5.5	—	—	1.6	3.3	5.8	3.2	3.6	5.0
Norway	—	12.9	16.8	15.2	12.8	2.5	2.1	3.1	2.8	0.8	1.8	0.6	0.5	0.4	2.8	—	10.2	13.2	11.9	9.3
Poland	—	—	—	—	16.5	—	—	—	—	2.1	—	—	—	—	1.8	—	—	—	—	12.6
Portugal	—	—	15.0	15.4	—	6.5	6.7	2.2	2.8	—	—	—	2.8	2.8	—	—	10.5	9.9	9.8	—
Spain	13.9	15.0	18.2	18.5	21.0	5.5	5.7	4.3	4.8	4.8	1.3	2.6	4.5	4.3	3.9	7.0	6.7	9.4	9.4	12.3
Sweden	15.4	24.0	26.4	22.4	25.0	2.6	4.1	3.9	3.7	3.6	1.6	4.7	5.5	4.5	3.0	11.3	15.2	17.0	14.3	18.4
Switzerland	20.2	23.0	22.3	22.4	25.1	10.3	11.2	10.4	11.1	6.5	2.1	3.7	3.7	3.1	1.8	7.9	8.1	8.3	8.2	16.8
Turkey	23.0	20.6	20.9	—	24.2	3.6	4.6	5.1	—	7.1	1.6	2.1	2.7	—	3.7	17.8	13.8	13.1	—	13.4
United Kingdom	—	—	—	—	28.9	—	—	—	—	9.8	—	—	—	—	6.4	—	—	—	—	12.7
United States	21.7	16.9	—	16.8	17.4	6.3	5.1	—	6.9	7.2	5.5	4.0	3.3	3.2	3.3	9.8	7.8	6.7	6.6	6.9

—Not available.

[1] Data for Flemish Belgium only.

[2] Data for 1985 are for the former West Germany.

SOURCE: Organization for Economic Cooperation and Development, unpublished data. (This table was prepared August 2001.)

Table 413.—Percent of graduate degrees awarded in science: Selected countries, 1985, 1990, 1996, and 1999

Country	All science degrees				Natural sciences				Mathematics and computer science				Engineering			
	1985	1990	1996	1999	1985	1990	1996	1999	1985	1990	1996	1999	1985	1990	1996	1999
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Australia	—	—	14.0	17.9	—	—	5.4	6.3	—	—	3.8	3.8	—	—	4.7	7.7
Austria	43.3	37.7	38.8	38.4	14.2	12.3	17.5	15.0	7.3	4.6	4.7	3.6	21.7	20.8	16.6	19.8
Belgium[1]	—	—	—	17.6	—	—	—	7.0	—	—	—	2.4	—	—	—	8.3
Canada	19.7	20.0	22.3	23.0	7.5	7.8	7.7	7.9	2.8	3.4	3.5	3.6	9.4	8.8	11.2	11.5
Czech Republic	—	—	—	21.3	—	—	—	5.6	—	—	—	6.3	—	—	—	9.3
Denmark	16.0	22.2	12.3	—	4.1	5.8	3.1	—	2.7	4.8	1.5	—	9.2	11.6	7.8	—
Finland	47.6	30.6	28.3	31.1	24.0	14.7	11.6	8.5	6.3	5.4	4.0	3.9	17.2	10.5	12.7	18.7
France	—	—	—	21.0	—	—	—	6.4	—	—	—	1.6	—	—	—	13.0
Germany[2]	27.7	33.2	38.6	38.9	18.7	23.5	25.5	25.2	1.8	2.3	3.5	4.0	7.2	7.4	9.5	9.8
Hungary	—	—	—	13.5	—	—	—	4.8	—	—	—	1.2	—	—	—	7.6
Iceland	—	—	—	30.7	—	—	—	20.0	—	—	—	0.0	—	—	—	10.7
Ireland	31.4	34.5	23.1	24.8	18.9	19.5	10.9	4.0	2.6	5.8	3.0	16.0	9.9	9.3	9.2	4.8
Italy	—	—	—	13.1	—	—	—	1.0	—	—	—	6.5	—	—	—	5.6
Japan	50.1	54.6	—	42.4	9.5	9.5	10.2	—	—	—	—	—	40.5	45.1	44.4	42.4
Korea, Republic of	—	—	—	48.3	—	—	—	8.8	—	—	—	4.1	—	—	—	35.4
Netherlands	—	28.9	18.6	17.6	20.6	17.7	4.4	—	—	1.5	3.7	8.7	7.5	9.7	10.6	8.8
New Zealand	45.1	22.6	16.7	24.4	24.6	13.8	12.7	13.4	5.4	4.7	1.1	1.5	15.1	4.0	3.0	9.4
Norway	40.1	33.4	38.3	21.0	17.9	8.0	8.7	15.0	3.5	2.1	1.9	4.3	18.7	23.3	27.7	—
Poland	—	—	—	3.1	—	—	—	0.6	—	—	—	0.9	—	—	—	1.7
Spain	35.6	26.9	36.0	40.1	28.6	19.7	24.8	24.8	1.8	1.4	4.1	4.2	5.1	5.7	7.1	11.1
Sweden	48.0	48.5	32.3	41.5	21.2	19.4	9.2	14.4	6.8	9.2	5.9	4.1	20.0	19.9	17.1	23.0
Switzerland	30.7	30.2	40.1	41.5	20.3	22.0	25.8	11.4	2.8	1.7	4.1	17.0	7.6	6.5	10.1	13.1
Turkey	35.8	24.0	—	29.8	6.6	7.6	—	8.0	2.8	3.3	—	3.0	26.3	13.2	—	18.7
United Kingdom	—	—	—	21.8	—	—	—	6.0	—	—	—	4.7	—	—	—	11.0
United States	13.5	14.5	13.8	13.7	4.5	4.2	4.0	3.8	2.8	3.4	3.2	3.1	6.3	6.9	6.7	6.8

—Not available.

[1] Data for Flemish Belgium only.

[2] Data for 1985 are for the former West Germany.

SOURCE: Organization for Economic Cooperation and Development, unpublished data. (This table was prepared August 2001.)

Table 414.—Public education expenditures per student, by level of student: Selected countries, 1985 to 1998

[In constant 1998 dollars]

Country	Primary					Secondary					Higher education				
	1985	1990	1995	1997	1998	1985	1990	1995	1997	1998	1985	1990	1995	1997	1998
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Australia	$3,117	—	$3,001	$3,809	$3,981	$4,376	—	$4,276	$5,884	$5,830	[1]$14,284	[2]$12,424	$7,094	$11,414	$11,539
Austria	4,007	$4,110	—	6,355	6,065	4,581	$5,398	—	8,340	8,163	7,616	7,422	—	10,148	11,279
Belgium[3]	2,595	2,473	3,497	5,286	3,799	5,984	—	6,180	9,252	6,238	8,252	7,168	6,449	—	6,597
Canada	—	—	—	—	—	—	—	—	—	—	9,568	10,892	7,511	15,046	14,579
Czech Republic	—	—	—	1,972	1,645	—	—	—	3,700	3,182	—	—	—	5,563	5,584
Denmark	4,305	5,108	5,948	7,020	6,713	6,076	6,092	6,331	7,398	7,200	9,917	9,672	7,947	7,407	9,562
Finland	—	—	4,572	4,715	4,641	—	—	5,291	5,087	5,111	—	—	7,605	7,302	7,327
France	—	2,968	3,436	3,735	3,752	—	5,157	6,055	7,228	6,605	—	5,610	5,927	7,168	7,226
Germany	[4]3,358	—	—	3,514	3,531	3,676	—	—	4,606	6,209	8,085	—	8,888	9,770	9,461
Greece	—	—	2,132	2,387	2,368	—	—	1,991	2,621	3,287	—	—	2,712	4,052	4,157
Hungary	—	—	—	2,067	2,028	—	—	—	2,125	2,140	—	—	—	5,514	5,073
Iceland	—	—	3,079	—	—	—	—	9,227	—	—	—	—	—	—	—
Ireland	1,560	1,636	2,282	2,611	2,745	2,684	2,753	3,541	3,928	3,934	6,099	6,331	5,177	8,298	8,522
Italy	3,011	3,962	4,653	5,152	5,653	3,870	4,591	5,421	6,382	6,458	5,438	8,314	4,433	6,065	6,295
Japan	[2]3,059	—	4,613	5,284	5,075	—	—	4,476	—	5,890	[1]3,070	—	3,921	19,208	9,871
Korea	—	—	—	3,379	2,838	—	—	—	3,970	3,544	—	—	—	6,324	6,356
Luxembourg	[2]6,418	[5]7,337	11,433	—	—	—	—	10,653	—	—	[1]19,020	—	7,104	—	—
Mexico	—	—	—	885	863	—	—	—	1,677	1,586	—	—	—	4,700	3,800
Netherlands	3,507	3,348	3,275	—	3,795	4,112	4,859	4,478	—	5,304	11,220	11,945	8,618	—	10,757
New Zealand	[2]3,088	2,751	2,806	—	—	—	2,288	3,902	—	—	[1]12,932	13,976	5,878	—	—
Norway	3,927	4,470	8,172	—	5,761	5,364	5,690	4,637	4,239	7,343	7,670	8,475	—	10,265	10,918
Poland	—	—	—	1,468	1,496	—	—	—	—	1,438	—	—	—	4,463	4,262
Portugal	[2]1,485	[2]2,348	2,759	3,298	3,121	[1]1,922	[2]2,547	3,178	4,330	4,636	[1]5,004	[2]5,435	—	—	—
Spain	1,505	1,883	2,410	3,615	3,267	2,078	2,857	3,671	5,470	4,274	2,160	3,574	3,802	5,418	5,038
Sweden[6]	[2]5,922	6,147	5,353	5,606	5,579	—	—	5,932	5,513	5,648	[1]9,010	10,102	12,289	12,983	13,224
Switzerland[6]	—	[2]6,459	6,162	6,334	6,470	3,154	—	8,543	7,355	9,348	15,376	[2]16,865	15,468	16,630	16,563
Turkey	—	—	—	—	—	—	—	—	—	—	—	—	—	2,434	—
United Kingdom	2,698	3,046	3,511	3,256	3,329	3,807	4,701	4,497	5,059	5,230	15,045	11,454	5,963	—	9,699
United States	4,294	5,235	5,105	6,054	6,043	5,401	6,721	6,510	7,578	7,764	8,600	10,202	8,358	15,095	19,802

—Not available.

[1] 1986 data.

[2] 1991 data.

[3] Data for Flemish Belgium only.

[4] Data are for the former West Germany.

[5] 1989 data.

[6] Change in definition of expenditures in 1992.

NOTE: Data adjusted to U.S. dollars using the purchasing-power-parity (PPP) index.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance*, various years; and unpublished data. (This table was prepared August 2001.)

Table 415.—Total public direct expenditures on education as a percentage of the gross domestic product: Selected countries, 1985 to 1998

Country	All institutions [1]					Primary and secondary institutions					Higher education institutions				
	1985	1990	1995	1997 [2]	1998	1985	1990	1995	1997 [2]	1998	1985	1990	1995	1997 [2]	1998
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Average for year	**5.3**	**4.9**	**4.9**	**5.1**	**5.3**	**3.7**	**3.5**	**3.4**	**3.6**	**3.6**	**1.1**	**1.0**	**0.9**	**1.0**	**1.3**
Average for countries reporting data for all years	**5.3**	**5.3**	**5.3**	**5.2**	**5.5**	**3.7**	**3.7**	**3.6**	**3.8**	**3.7**	**1.1**	**1.1**	**1.1**	**1.0**	**1.3**
Australia	5.4	4.3	4.5	4.3	4.8	3.5	3.2	3.2	3.3	3.5	1.7	1.0	1.2	1.0	1.2
Austria	5.6	5.2	5.3	6.0	6.3	3.7	3.6	3.8	4.2	4.0	1.0	1.0	0.9	1.3	1.6
Belgium [3]	6.3	4.8	5.0	4.8	5.0	4.0	3.4	3.4	3.3	3.4	1.0	0.8	0.9	0.8	1.0
Canada	6.1	5.4	5.8	5.4	5.7	4.1	3.7	4.0	4.0	3.7	2.0	1.5	1.5	1.2	1.8
Czech Republic	—	—	4.8	4.5	4.3	—	—	3.4	3.2	2.9	—	—	0.7	0.7	0.8
Denmark	6.2	6.2	6.5	6.5	8.3	4.7	4.4	4.2	4.3	4.9	1.2	1.3	1.3	1.1	2.2
Finland	5.8	6.4	6.6	6.3	6.2	—	4.3	4.2	3.8	3.8	—	1.2	1.7	1.7	2.0
France	—	5.1	5.8	5.8	6.0	—	3.7	4.1	4.1	4.2	—	0.8	1.0	1.0	1.0
Germany [4]	4.6	—	4.5	4.5	4.6	2.8	—	2.9	2.9	3.0	1.0	—	1.0	1.0	1.1
Greece	—	—	3.7	3.5	3.5	—	—	2.8	2.5	2.3	—	—	0.8	1.0	1.1
Hungary	—	5.0	4.9	4.5	4.6	—	3.5	3.3	2.9	2.9	—	0.8	0.8	0.8	0.9
Iceland	—	4.3	4.5	5.1	7.1	—	3.3	3.4	3.9	4.3	—	0.6	0.7	0.7	2.2
Ireland	5.6	4.7	4.7	4.5	4.5	4.0	3.3	3.3	3.4	3.3	0.9	0.9	0.9	1.0	1.1
Italy	4.7	5.8	4.5	4.6	4.9	3.2	4.1	3.2	3.4	3.5	0.6	1.0	0.7	0.6	0.8
Japan	—	3.6	3.6	3.6	3.5	—	2.9	2.8	2.8	2.8	—	0.4	0.4	0.5	0.4
Korea	—	—	3.6	4.4	4.1	—	—	3.0	3.4	3.1	—	—	0.3	0.5	0.4
Luxembourg	—	—	4.3	4.2	—	—	—	4.2	4.1	—	—	—	0.1	0.1	—
Mexico	—	3.2	4.6	4.5	4.2	—	2.2	3.4	3.3	3.0	—	0.7	0.8	0.8	0.8
Netherlands	6.2	5.7	4.6	4.3	4.9	4.1	3.6	3.0	2.9	3.1	1.5	1.6	1.1	1.1	1.4
New Zealand	—	5.5	5.3	6.1	7.2	—	3.9	3.8	4.7	4.9	—	1.2	1.1	1.0	1.8
Norway	5.1	6.2	6.8	6.6	7.7	4.0	4.1	4.1	4.4	4.6	0.7	1.1	1.5	1.3	2.0
Poland	—	—	5.2	5.8	5.4	—	—	3.3	3.8	3.5	—	—	0.8	1.2	1.2
Portugal	—	—	5.4	5.8	5.7	—	—	4.1	4.4	4.3	—	—	1.0	1.0	1.0
Russia	—	—	3.4	—	—	—	—	1.9	—	—	—	—	0.7	—	—
Spain	3.6	4.2	4.8	4.7	4.5	2.9	3.2	3.5	3.5	3.3	0.4	0.7	0.8	0.9	0.9
Sweden	—	5.3	6.6	6.8	8.0	—	4.4	4.4	4.7	5.3	—	1.0	1.6	1.6	2.1
Switzerland	4.9	5.0	5.5	5.4	5.5	4.0	3.7	4.1	4.0	4.1	0.9	1.0	1.1	1.1	1.1
Turkey	—	3.2	2.2	—	3.0	—	2.3	1.4	—	1.8	—	0.9	0.8	0.8	0.8
United Kingdom	4.9	4.3	4.6	4.6	4.9	3.1	3.5	3.8	3.4	3.4	1.0	0.7	0.7	0.7	1.1
United States	4.7	5.3	5.0	5.2	5.1	3.2	3.8	3.5	3.5	3.4	1.3	1.4	1.1	1.4	1.3

[1] Includes preprimary and other expenditures not classified by level.

[2] Due to the implementation of a new classification system post-1996 data are not comparable with earlier data.

[3] Flemish Belgium data only.

[4] Data for 1985 refer to West Germany (Federal Republic of Germany before unification).

NOTE: Direct public expenditure on educational services includes both amounts spent directly by governments to hire educational personnel and to procure other resources, and amounts provided by governments to public or private institutions. Figures for 1998 include public subsidies to households attributable for educational institutions and direct expenditures from international sources, and are not directly comparable with other years. Figures for 1985 also include transfers and payments to private entities, and thus are not strictly comparable with later figures.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education Database; Annual National Accounts*, Vol. 1, 1997; and *Education at a Glance*, 2000 and 2001. (This table was prepared August 2001.)

Table 416.—Foreign students enrolled in institutions of higher education in the United States and outlying areas, by continent, region, and selected countries of origin: 1980–81 to 1999–2000

Continent, region, and country	1980–81		1985–86		1990–91		1995–96		1996–97		1997–98		1998–99		1999–2000	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	**311,880**	**100.0**	**343,780**	**100.0**	**407,530**	**100.0**	**453,787**	**100.0**	**457,984**	**100.0**	**481,280**	**100.0**	**490,933**	**100.0**	**514,723**	**100.0**
Africa	38,180	12.2	34,190	9.9	23,800	5.8	20,844	4.6	22,078	4.8	23,162	4.8	26,222	5.3	30,292	5.9
Eastern Africa	6,260	2.0	6,730	2.0	7,590	1.9	7,596	1.7	8,628	1.9	8,951	1.9	10,189	2.1	11,559	2.2
Central Africa	1,130	0.4	1,540	0.4	1,650	0.4	1,346	0.3	1,187	0.3	1,265	0.3	1,413	0.3	1,775	0.3
North Africa	7,310	2.3	5,980	1.7	4,540	1.1	3,422	0.8	3,469	0.8	3,862	0.8	4,151	0.8	4,525	0.9
Southern Africa	1,480	0.5	2,360	0.7	2,840	0.7	2,657	0.6	2,678	0.6	2,608	0.5	2,956	0.6	3,247	0.6
West Africa	22,000	7.1	17,580	5.1	7,180	1.8	5,818	1.3	6,115	1.3	6,471	1.3	7,513	1.5	9,176	1.8
Nigeria	17,350	5.6	13,710	4.0	3,710	0.9	2,093	0.5	2,184	0.5	2,436	0.5	2,876	0.6	3,602	0.7
Europe	25,330	8.1	34,310	10.0	49,640	12.2	67,358	14.8	68,315	14.9	71,616	14.9	73,809	15.0	78,485	15.2
Eastern Europe	1,670	0.5	1,770	0.5	4,780	1.2	18,032	4.0	19,471	4.3	21,314	4.4	23,131	4.7	25,731	5.0
Western Europe	23,660	7.6	32,540	9.5	44,860	11.0	49,326	10.9	48,844	10.7	50,301	10.5	50,674	10.3	52,754	10.2
France	—	—	3,680	1.1	5,630	1.4	5,710	1.3	5,692	1.2	5,992	1.2	6,241	1.3	6,877	1.3
Germany [1]	3,310	1.1	4,730	1.4	7,000	1.7	9,017	2.0	8,990	2.0	9,309	1.9	9,568	1.9	9,800	1.9
Greece	3,750	1.2	4,440	1.3	4,360	1.1	3,365	0.7	3,010	0.7	3,065	0.6	2,847	0.6	2,782	0.5
Spain	—	—	1,740	0.5	4,300	1.1	4,809	1.1	4,673	1.0	4,371	0.9	4,195	0.9	4,337	0.8
United Kingdom	4,440	1.4	5,940	1.7	7,300	1.8	7,799	1.7	7,357	1.6	7,534	1.6	7,765	1.6	7,990	1.6
Latin America	49,810	16.0	45,480	13.2	47,580	11.7	47,253	10.4	49,592	10.8	51,368	10.7	55,436	11.3	62,098	12.1
Caribbean	10,650	3.4	11,100	3.2	12,610	3.1	10,737	2.4	11,796	2.6	10,855	2.3	11,884	2.4	13,828	2.7
Central America	12,970	4.2	12,740	3.7	15,950	3.9	14,220	3.1	14,524	3.2	15,211	3.2	15,455	3.1	16,854	3.3
Mexico	6,730	2.2	5,460	1.6	6,740	1.7	8,687	1.9	8,975	2.0	9,559	2.0	9,641	2.0	10,607	2.1
South America	26,190	8.4	21,640	6.3	19,020	4.7	22,296	4.9	23,272	5.1	25,302	5.3	28,097	5.7	31,416	6.1
Brazil	—	—	2,840	0.8	3,900	1.0	5,497	1.2	6,168	1.3	6,982	1.5	8,052	1.6	8,600	1.7
Colombia	—	—	4,010	1.2	3,180	0.8	3,462	0.8	3,636	0.8	4,345	0.9	5,041	1.0	6,277	1.2
Venezuela	11,750	3.8	7,040	2.0	2,890	0.7	4,456	1.0	4,590	1.0	4,731	1.0	5,133	1.0	5,125	1.0
Middle East	84,710	27.2	52,720	15.3	33,420	8.2	30,563	6.7	29,841	6.5	30,962	6.4	32,836	6.7	34,897	6.8
Iran	47,550	15.2	14,210	4.1	6,260	1.5	2,628	0.6	2,129	0.5	1,863	0.4	1,660	0.3	1,885	0.4
Jordan	6,140	2.0	6,590	1.9	4,320	1.1	2,222	0.5	2,094	0.5	2,027	0.4	2,039	0.4	2,074	0.4
Lebanon	6,770	2.2	7,090	2.1	3,900	1.0	1,554	0.3	1,370	0.3	1,321	0.3	1,315	0.3	1,582	0.3
Saudi Arabia	10,440	3.3	6,900	2.0	3,590	0.9	4,191	0.9	4,264	0.9	4,571	0.9	4,931	1.0	5,156	1.0
Turkey	—	—	2,460	0.7	4,080	1.0	7,678	1.7	8,194	1.8	9,081	1.9	9,377	1.9	10,100	2.0
North America [2]	14,790	4.7	16,030	4.7	18,950	4.6	23,644	5.2	23,611	5.2	22,613	4.7	23,302	4.7	24,128	4.7
Canada	14,320	4.6	15,410	4.5	18,350	4.5	23,005	5.1	22,984	5.0	22,051	4.6	22,746	4.6	23,544	4.6
Oceania	4,180	1.3	4,030	1.2	4,230	1.0	4,202	0.9	3,690	0.8	3,893	0.8	4,228	0.9	4,676	0.9
Asia	94,640	30.3	156,830	45.6	229,830	56.4	259,893	57.3	260,743	56.9	277,508	57.7	275,076	56.0	280,146	54.4
East Asia	51,650	16.6	80,720	23.5	146,020	35.8	166,717	36.7	167,935	36.7	178,256	37.0	177,141	36.1	180,146	35.0
China	2,770	0.9	13,980	4.1	39,600	9.7	39,613	8.7	42,503	9.3	46,958	9.8	51,001	10.4	54,466	10.6
Hong Kong	9,660	3.1	10,710	3.1	12,630	3.1	12,018	2.6	10,942	2.4	9,665	2.0	8,735	1.8	7,545	1.5
Japan	13,500	4.3	13,360	3.9	36,610	9.0	45,531	10.0	46,292	10.1	47,073	9.8	46,406	9.5	46,872	9.1
Korea, Republic of	6,150	2.0	18,660	5.4	23,360	5.7	36,231	8.0	37,130	8.1	42,890	8.9	39,199	8.0	41,191	8.0
Taiwan	19,460	6.2	23,770	6.9	33,530	8.2	32,702	7.2	30,487	6.7	30,855	6.4	31,043	6.3	29,234	5.7
South and Central Asia	14,540	4.7	25,800	7.5	42,370	10.4	45,401	10.0	44,256	9.7	47,761	9.9	52,602	10.7	58,148	11.3
India	9,250	3.0	16,070	4.7	28,860	7.1	31,743	7.0	30,641	6.7	33,818	7.0	37,482	7.6	42,337	8.2
Pakistan	2,990	1.0	5,440	1.6	7,730	1.9	6,427	1.4	6,095	1.3	5,821	1.2	5,905	1.2	6,107	1.2
South East Asia	28,450	9.1	50,310	14.6	41,440	10.2	47,774	10.5	48,550	10.6	51,491	10.7	45,333	9.2	41,852	8.1
Indonesia	3,250	1.0	8,210	2.4	9,520	2.3	12,820	2.8	12,461	2.7	13,282	2.8	12,142	2.5	11,300	2.2
Malaysia	6,010	1.9	23,020	6.7	13,610	3.3	14,015	3.1	14,527	3.2	14,597	3.0	11,557	2.4	9,074	1.8
Philippines	—	—	3,920	1.1	4,270	1.0	3,127	0.7	2,796	0.6	2,801	0.6	2,864	0.6	3,143	0.6
Singapore	—	—	3,930	1.1	4,500	1.1	4,098	0.9	3,727	0.8	3,843	0.8	4,030	0.8	4,250	0.8
Thailand	6,550	2.1	6,940	2.0	7,090	1.7	12,165	2.7	13,481	2.9	15,090	3.1	12,489	2.5	10,983	2.1
Stateless [3]	240	0.1	190	0.1	80	(4)	30	(4)	109	(4)	159	(4)	28	(4)	7	(4)

—Not available.

[1] Data for 1980–81 and 1985–86 are for the former Federal Republic of Germany.

[2] Excludes Mexico and Central America, which are included with Latin America.

[3] Home country unknown or undeclared.

[4] Less than .05 percent.

NOTE: Totals and subtotals include other countries not shown separately. Data are for "nonimmigrants," i.e., students who have not migrated to this country. Detail may not sum to totals due to rounding.

SOURCE: Institute of International Education, "Open Doors," various years. (Latest edition copyright © 2000 by the Institute of International Education. All rights reserved.) (This table was prepared April 2001.)

CHAPTER 7

Libraries and Educational Technology

This chapter contains statistics on libraries and on the use of information technologies. These data show the extent of America's access to information technologies outside of formal classroom activities. The data also provide a capsule description of the magnitude and availability of library resources. Access to information has been widely cited as the key to success in a growing number of endeavors. Thus, how information is made available and to whom are matters of concern.

The first section of the chapter (tables 417 to 419 and 422 to 425) deals with public libraries, public and private school libraries, and college and university libraries. It contains data on collections, population served, staff, and expenditures. Two tables provide institutional-level information for the largest public libraries and the largest college libraries in the country.

The second half of the chapter (tables 421, 422, and 426 to 430) provides information on the availability and use of technology. For example, the proportion of children using computers at school is shown over time. Also included are data on the use of home computers by adults and school children, with comparisons among various demographic groups.

Related data may be found in various sections of this report. For example, statistics on the number of degrees conferred in computer and information sciences and library sciences are in chapter 3. Further information on survey methodologies is in the "Guide to Sources" in the Appendix and in the publications cited in the source notes.

Libraries

In 1993–94, there were 77 school library visits each week per 100 public school students. Elementary school students were more likely to visit their school libraries (86 visits per 100 students each week) than secondary school students (61 per 100). Private school students were slightly less likely to visit their libraries (75 per 100). The average number of library staff per school was 1.8 at public schools, and 1.2 at private schools. Public school libraries generally had smaller numbers of books on a per student basis than private school libraries. In 1993–94, public school libraries held an average of 1,832 books per 100 students compared to an average of 2,689 per 100 students at private schools. Public elementary school libraries had larger holdings than public secondary schools on a per student basis, and elementary school students checked out three times as many books on a per student basis (1.3 per week compared to .4 per week) (table 417).

The increase in college library resources kept pace with increases in enrollment between 1987–88 and 1997–98. The library staff to student ratio rose from 137 students per staff member to 150 students per staff member. The average library operating expenditure per student rose 7 percent in constant dollars from $419 in 1987–88 to $450 in 1997–98 (table 422).

In 1998, there were 8,964 public libraries in the United States with 739 million books and serial volumes. The annual attendance per capita was 4.2 and the reference transactions per capita was 1.1 (table 425).

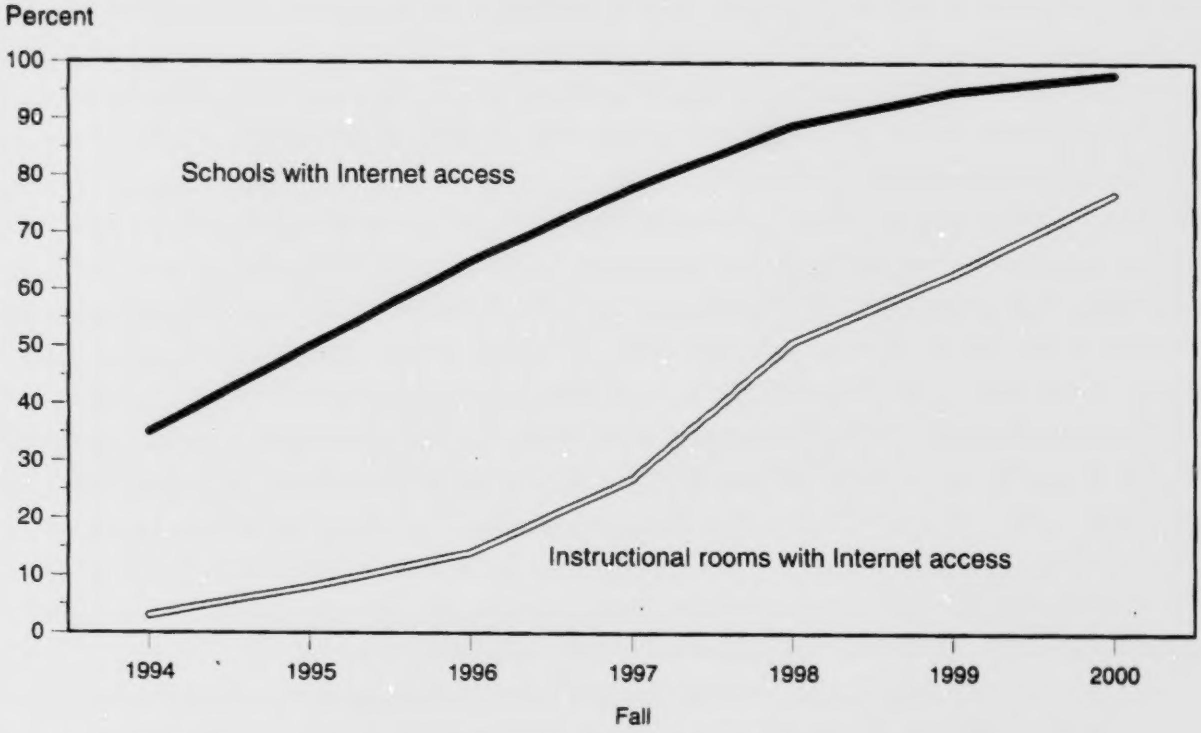
Educational Technology

There has been widespread introduction of computers into the schools in recent years. In 2000, the average public school contained 110 computers. One important technological advance that has come to schools following the introduction of computers has been connections to the Internet. The proportion of instructional rooms with Internet access increased from 51 percent in 1998 to 77 percent in 2000. About 98 percent of schools had access to the Internet in 2000 (table 421).

The total computer usage rate of students at school increased from 59 percent in 1993 to 69 percent in 1997. The rate for grades 1 to 8 increased from 69 percent in 1993 to 79 percent in 1997. The school computer usage rate in 1997 was 70 percent for students in high school and 65 percent for undergraduate students in college. At that time, sizable percentages of students used computers at home, though fewer actually used them for schoolwork. About 43 percent of elementary school children used computers at home and about 24 percent used them for schoolwork. Students at the high school and undergraduate levels were more likely than elementary school children to use home computers for schoolwork. In general, students in higher income families were much more likely to use computers at home and use them for schoolwork than students from lower income families. About 13 percent of the high school students in the $15,000 to $19,999 household income group used computers at home for school work compared to 66 percent in the $75,000 and over income group (table 430).

The use of computers has become widespread in the workplace. In 1997, 50 percent of all workers used computers on the job. More frequent use of computers was associated with higher levels of education and higher incomes. Thirty-six percent of high school graduates and 12 percent of high school dropouts used computers at work compared to 79 percent of those with master's degrees. Among those who did use computers, the master's degree recipients were the most likely to use the computers for a wide variety of applications. Among the most common applications for all employees using computers on the job were: bookkeeping/invoicing (66 percent), word processing (57 percent), communications (47 percent), analysis/spreadsheets (41 percent), and calendar/schedule (38 percent). Workers in the 25- to 59-year-old age range were more likely to use computers than younger or older workers. Elementary and secondary teachers were less likely to use computers than persons employed in other managerial or professional fields (table 426).

Figure 33.- Percent of all public schools and instructional rooms having Internet access: Fall 1994 to fall 2000



SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Internet Access in Public Schools and Classrooms: 1994-2000.*

Table 417.—Selected statistics on school library/media centers, by control and level of school: 1993–94

Selected statistics	Public				Private			
	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined
1	2	3	4	5	6	7	8	9
Number of schools with libraries	**77,573 (407)**	**53,059 (461)**	**22,643 (464)**	**1,871 (100)**	**19,301 (271)**	**10,880 (254)**	**4,178 (260)**	**4,243 (233)**
Average number of staff per library								
Total	1.81 (0.02)	1.69 (0.02)	2.12 (0.03)	1.71 (0.06)	1.23 (0.04)	1.09 (0.04)	1.58 (0.08)	1.25 (0.08)
Certified library/media specialists	0.86 (0.01)	0.79 (0.02)	1.03 (0.01)	0.79 (0.03)	0.28 (0.02)	0.20 (0.02)	0.47 (0.04)	0.30 (0.02)
Full-time	0.61 (0.01)	0.51 (0.01)	0.84 (0.02)	0.51 (0.03)	0.17 (0.01)	0.07 (0.01)	0.35 (0.03)	0.21 (0.02)
Part-time	0.25 (0.01)	0.28 (0.01)	0.19 (0.01)	0.28 (0.04)	0.11 (0.01)	0.12 (0.02)	0.11 (0.02)	0.09 (0.02)
Other professional staff	0.27 (0.01)	0.27 (0.01)	0.26 (0.02)	0.29 (0.03)	0.66 (0.02)	0.65 (0.02)	0.65 (0.04)	0.70 (0.06)
Full-time	0.13 (0.01)	0.13 (0.01)	0.14 (0.01)	0.13 (0.03)	0.23 (0.02)	0.19 (0.01)	0.26 (0.03)	0.32 (0.04)
Part-time	0.13 (0.01)	0.14 (0.01)	0.13 (0.01)	0.16 (0.02)	0.43 (0.02)	0.47 (0.02)	0.39 (0.03)	0.39 (0.04)
Other paid employees	0.68 (0.02)	0.63 (0.02)	0.83 (0.02)	0.62 (0.05)	0.29 (0.02)	0.24 (0.02)	0.46 (0.04)	0.25 (0.03)
Full-time	0.34 (0.01)	0.28 (0.01)	0.49 (0.02)	0.29 (0.03)	0.07 (0.01)	0.05 (0.01)	0.12 (0.02)	0.07 (0.01)
Part-time	0.34 (0.01)	0.34 (0.02)	0.34 (0.01)	0.33 (0.03)	0.22 (0.02)	0.19 (0.02)	0.34 (0.03)	0.18 (0.03)
Percentage of schools' library media centers with the following equipment								
Telephone	61.2 (1.3)	55.8 (1.8)	74.7 (1.6)	51.6 (3.3)	40.8 (1.3)	30.7 (1.6)	52.8 (2.5)	54.6 (4.2)
Fax machine	7.8 (0.5)	4.7 (0.6)	15.1 (0.8)	8.8 (1.4)	5.1 (0.5)	3.1 (0.6)	7.9 (1.1)	7.4 (1.2)
Computer with modem	34.3 (1.0)	28.3 (1.2)	48.2 (1.5)	38.1 (3.0)	19.5 (1.0)	12.2 (1.5)	30.2 (1.9)	27.9 (2.7)
Automated catalog	24.0 (0.9)	20.3 (1.1)	32.8 (1.1)	20.5 (1.9)	9.7 (0.7)	5.5 (0.5)	15.8 (1.9)	14.4 (2.3)
Automated circulation system	37.9 (1.1)	34.1 (1.6)	47.7 (1.3)	27.8 (2.6)	9.5 (0.7)	5.4 (0.6)	16.0 (1.8)	13.8 (1.8)
Database searching with CD-ROM	31.2 (0.8)	23.9 (1.2)	48.1 (1.3)	31.4 (3.1)	13.9 (0.8)	6.3 (0.8)	25.7 (1.6)	21.6 (2.2)
Online database searching	9.4 (0.5)	5.4 (0.5)	18.9 (0.9)	8.8 (1.5)	5.5 (0.5)	0.7 (0.3)	12.2 (1.2)	11.0 (1.7)
Compact disc for periodical indices	46.7 (1.1)	39.6 (1.5)	63.5 (1.3)	46.6 (3.7)	19.6 (1.0)	12.3 (1.1)	33.5 (2.2)	24.6 (2.2)
Video laser disc	31.9 (1.0)	30.3 (1.3)	36.1 (1.3)	26.1 (2.8)	6.3 (0.6)	4.8 (0.7)	9.9 (1.2)	6.9 (1.1)
Connection to Internet	12.0 (0.6)	9.5 (0.8)	17.5 (0.8)	15.0 (1.9)	5.3 (0.5)	2.8 (0.8)	9.2 (1.1)	7.5 (1.2)
Cable television	76.2 (0.8)	75.0 (1.1)	80.6 (0.9)	57.7 (3.6)	39.9 (1.3)	42.6 (2.0)	43.1 (2.8)	30.1 (2.7)
Broadcast television	48.6 (1.0)	48.0 (1.4)	49.9 (1.3)	48.1 (3.1)	39.9 (1.6)	42.9 (1.9)	39.7 (2.5)	32.2 (3.9)
Closed circuit television	25.5 (0.7)	22.0 (1.0)	34.0 (1.0)	20.9 (2.2)	8.8 (0.7)	5.7 (1.0)	19.2 (1.6)	6.3 (1.5)
Satellite dish	22.9 (0.6)	14.4 (0.7)	41.1 (1.1)	45.2 (3.0)	8.7 (0.9)	5.6 (0.9)	15.6 (1.2)	9.8 (2.5)
Percentage of schools offering—								
Microcomputers	90.1 (0.7)	88.5 (1.0)	94.0 (1.0)	87.4 (1.5)	75.8 (1.6)	72.8 (2.1)	80.6 (2.9)	78.5 (3.5)
Long distance learning	19.0 (0.8)	15.9 (1.1)	24.8 (1.0)	36.4 (2.6)	8.8 (0.9)	8.3 (0.9)	8.2 (1.6)	10.9 (2.9)
Total students using library per 100 students each week[1]	77.4 (0.6)	86.2 (0.7)	61.4 (0.9)	59.7 (2.9)	74.9 (0.7)	84.0 (1.0)	63.7 (1.6)	62.2 (1.5)
Books checked out per 100 students each week[1]	101.0 (1.9)	134.4 (2.6)	39.0 (1.4)	57.7 (4.6)	85.2 (1.9)	112.6 (2.6)	27.9 (2.3)	63.4 (3.6)
Average holdings per 100 students at the end of the 1992–93 school year								
Books (number of volumes)	1,832 (33)	1,925 (48)	1,650 (26)	1,879 (69)	2,689 (69)	2,464 (72)	3,277 (225)	2,787 (122)
Current serial subscriptions (print/ microfilm)	6 (2)	5 (2)	7 (2)	7 (2)	6 (2)	4 (2)	11 (2)	6 (2)
Video materials (tape and disc)	29 (1)	28 (2)	29 (1)	41 (5)	33 (1)	29 (2)	41 (4)	39 (4)
Other audiovisual materials	95 (3)	100 (5)	84 (4)	109 (14)	80 (4)	80 (6)	98 (10)	68 (6)
Microcomputer software	12 (2)	15 (1)	6 (2)	13 (2)	11 (1)	15 (1)	6 (1)	8 (2)
CD-ROM titles	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	(2) (2)	2 (2)	1 (2)
Locally budgeted expenditures[3] per student, 1992–93								
Books	$6.43 (0.16)	$6.48 (0.21)	$6.28 (0.20)	$7.41 (0.60)	$6.93 (0.32)	$5.23 (0.30)	$9.90 (0.96)	$8.68 (0.59)
Current serial subscriptions (print/microfilm)	1.56 (0.04)	1.10 (0.04)	2.44 (0.07)	1.96 (0.12)	1.69 (0.08)	0.74 (0.06)	3.80 (0.23)	2.35 (0.16)
Video materials (tape and disc)	0.94 (0.03)	0.89 (0.04)	1.06 (0.04)	0.78 (0.08)	0.90 (0.05)	0.71 (0.05)	1.21 (0.12)	1.13 (0.12)
Other audiovisual materials	0.65 (0.03)	0.72 (0.04)	0.52 (0.03)	0.65 (0.08)	0.54 (0.04)	0.51 (0.05)	0.66 (0.07)	0.54 (0.10)
Microcomputer software	0.69 (0.04)	0.73 (0.06)	0.60 (0.04)	1.17 (0.16)	0.81 (0.06)	0.77 (0.10)	0.91 (0.09)	0.83 (0.12)
CD-ROM titles	0.50 (0.04)	0.33 (0.06)	0.80 (0.04)	0.90 (0.16)	0.66 (0.08)	0.34 (0.12)	1.46 (0.11)	0.84 (0.10)
Expenditures (all sources) per student, 1992–93								
Total, library/media materials	$12.74 (0.24)	$12.00 (0.31)	$13.92 (0.32)	$16.79 (1.28)	$14.47 (0.57)	$10.55 (0.55)	$22.13 (1.72)	$17.96 (1.11)
Microcomputer hardware	2.96 (0.16)	2.63 (0.23)	3.57 (0.28)	3.44 (0.40)	3.06 (0.40)	1.72 (0.23)	6.05 (1.24)	4.02 (1.08)
Audiovisual equipment	1.76 (0.08)	1.77 (0.11)	1.77 (0.07)	1.43 (0.20)	1.42 (0.13)	1.06 (0.14)	2.65 (0.45)	1.39 (0.13)
Online database searching/electronic communications	0.26 (0.04)	0.22 (0.06)	0.33 (0.03)	0.32 (0.11)	0.23 (0.04)	0.10 (0.04)	0.40 (0.12)	0.41 (0.07)

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[1] During the most recent full week of school.

[2] Data less than 0.5.

[3] Locally budgeted expenditures exclude federal gifts and grants.

NOTE: Percentages are based on schools that have library/media centers. In school year 1990–91, 96 percent of public and 87 percent of private schools had library/media centers. Data revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Schools and Staffing Survey, 1993–94*, unpublished data. (This table was prepared November 2001.)

Table 418.—Selected statistics on public school library/media centers, by level and enrollment size of school: 1993–94

Selected statisics	Public elementary, secondary, and combined	Elementary libraries, by enrollment size of school					Secondary libraries, by enrollment size of school				
		Total	Less than 150	150 to 499	500 to 749	750 or more	Total	Less than 150	150 to 499	500 to 749	750 or more
1	2	3	4	5	6	7	8	9	10	11	12
Average number of staff per library											
Total	1.81 (0.02)	1.69 (0.02)	1.39 (0.08)	1.61 (0.03)	1.76 (0.05)	2.03 (0.05)	2.12 (0.03)	1.71 (0.04)	1.80 (0.05)	2.63 (0.04)	3.58 (0.09)
Certified library/media specialists	0.86 (0.01)	0.79 (0.02)	0.65 (0.06)	0.75 (0.02)	0.85 (0.02)	0.90 (0.04)	1.03 (0.01)	0.89 (0.02)	0.98 (0.02)	1.25 (0.02)	1.62 (0.05)
Full-time	0.61 (0.01)	0.51 (0.01)	0.13 (0.04)	0.42 (0.02)	0.66 (0.02)	0.82 (0.04)	0.84 (0.02)	0.58 (0.02)	0.92 (0.02)	1.17 (0.02)	1.53 (0.05)
Part-time	0.25 (0.01)	0.28 (0.01)	0.52 (0.06)	0.33 (0.02)	0.19 (0.03)	0.08 (0.02)	0.19 (0.01)	0.32 (0.02)	0.06 (0.02)	0.08 (0.02)	0.09 (0.02)
Other professional staff	0.27 (0.01)	0.27 (0.01)	0.30 (0.04)	0.27 (0.02)	0.25 (0.02)	0.31 (0.04)	0.26 (0.02)	0.25 (0.02)	0.17 (0.03)	0.23 (0.02)	0.30 (0.04)
Full-time	0.13 (0.01)	0.13 (0.01)	0.09 (0.02)	0.13 (0.01)	0.12 (0.02)	0.22 (0.03)	0.14 (0.01)	0.12 (0.02)	0.08 (0.02)	0.14 (0.01)	0.25 (0.04)
Part-time	0.13 (0.01)	0.14 (0.01)	0.21 (0.03)	0.14 (0.02)	0.13 (0.02)	0.09 (0.03)	0.13 (0.01)	0.13 (0.02)	0.09 (0.02)	0.09 (0.01)	0.05 (0.01)
Other paid employees	0.68 (0.02)	0.63 (0.02)	0.44 (0.06)	0.59 (0.03)	0.66 (0.03)	0.82 (0.05)	0.83 (0.02)	0.57 (0.03)	0.66 (0.05)	1.14 (0.04)	1.65 (0.08)
Full-time	0.34 (0.01)	0.28 (0.01)	0.10 (0.03)	0.22 (0.02)	0.34 (0.03)	0.51 (0.04)	0.49 (0.02)	0.27 (0.02)	0.39 (0.03)	0.76 (0.04)	1.10 (0.06)
Part-time	0.34 (0.01)	0.34 (0.02)	0.34 (0.04)	0.37 (0.03)	0.32 (0.03)	0.31 (0.04)	0.34 (0.01)	0.29 (0.02)	0.27 (0.03)	0.38 (0.02)	0.55 (0.05)
Percentage of schools' library media centers with the following equipment											
Telephone	61.2 (1.3)	55.8 (1.8)	40.1 (5.0)	49.4 (2.3)	64.0 (2.8)	73.8 (4.0)	74.7 (1.6)	61.2 (2.2)	85.5 (1.9)	90.4 (1.3)	98.8 (0.5)
Fax machine	7.8 (0.5)	4.7 (0.6)	8.2 (2.6)	3.4 (0.7)	5.7 (1.3)	5.1 (1.4)	15.1 (0.8)	15.1 (1.3)	18.8 (2.3)	17.9 (2.0)	19.9 (2.1)
Computer with modem	34.3 (1.0)	28.3 (1.2)	21.9 (4.5)	24.9 (1.7)	33.3 (2.8)	34.6 (3.1)	48.2 (1.5)	47.0 (2.2)	51.3 (2.9)	56.7 (2.7)	64.8 (2.7)
Automated catalog	24.0 (0.9)	20.3 (1.1)	14.2 (3.8)	17.5 (1.4)	24.9 (2.1)	25.4 (2.2)	32.8 (1.1)	24.7 (1.8)	32.2 (2.7)	39.7 (1.8)	53.1 (3.2)
Automated circulation system	37.9 (1.1)	34.1 (1.6)	16.0 (3.8)	28.5 (1.9)	40.4 (2.7)	55.0 (3.3)	47.7 (1.3)	36.5 (2.0)	48.0 (3.1)	61.9 (2.3)	71.6 (3.0)
Database searching with CD-ROM	31.2 (0.8)	23.9 (1.2)	23.3 (3.3)	21.9 (1.7)	25.3 (2.6)	30.1 (2.8)	48.1 (1.3)	45.1 (2.1)	53.1 (3.1)	59.4 (2.5)	71.7 (2.2)
Online database searching	9.4 (0.5)	5.4 (0.5)	6.0 (1.3)	4.1 (0.7)	7.1 (1.3)	6.8 (1.3)	18.9 (0.9)	18.5 (1.6)	20.5 (2.6)	23.4 (1.6)	33.3 (2.8)
Compact disc for periodical indices	46.7 (1.1)	39.6 (1.5)	27.0 (3.5)	37.5 (2.1)	42.6 (2.7)	49.5 (3.4)	63.5 (1.3)	59.2 (1.9)	69.8 (2.7)	74.3 (1.8)	83.2 (2.8)
Video laser disc	31.9 (1.0)	30.3 (1.3)	19.6 (4.8)	24.8 (1.7)	37.2 (2.3)	44.3 (3.1)	36.1 (1.3)	25.5 (1.8)	41.1 (2.1)	42.2 (1.8)	46.6 (3.1)
Connection to Internet	12.0 (0.6)	9.5 (0.8)	5.0 (1.3)	8.7 (1.4)	11.9 (1.8)	10.0 (1.5)	17.5 (0.8)	16.8 (1.5)	18.9 (2.5)	20.9 (1.9)	31.0 (2.6)
Cable television	76.2 (0.8)	75.0 (1.1)	59.8 (4.9)	78.0 (1.6)	74.7 (2.3)	73.0 (3.0)	80.6 (0.9)	76.3 (1.9)	81.9 (2.5)	87.7 (1.3)	74.8 (2.4)
Broadcast television	48.6 (1.0)	48.0 (1.4)	47.0 (4.8)	45.2 (1.6)	51.5 (2.5)	52.3 (4.1)	49.9 (1.3)	43.4 (2.3)	52.0 (3.1)	60.5 (2.0)	56.6 (2.9)
Closed circuit television	25.5 (0.7)	22.0 (1.0)	7.0 (2.1)	19.2 (1.4)	23.1 (2.0)	41.4 (2.9)	34.0 (1.0)	23.4 (1.7)	46.1 (3.1)	44.8 (1.7)	43.7 (2.9)
Satellite dish	22.9 (0.6)	14.4 (0.7)	15.4 (2.8)	13.6 (1.2)	12.7 (1.4)	21.3 (3.1)	41.1 (1.1)	51.9 (2.3)	54.5 (2.7)	45.5 (2.0)	35.0 (3.0)
Percentage of schools offering—											
Microcomputers	90.1 (0.7)	88.5 (1.0)	79.2 (3.4)	89.1 (1.6)	88.4 (2.0)	92.1 (2.2)	94.0 (1.0)	94.2 (1.1)	96.4 (0.9)	95.7 (1.1)	98.5 (0.9)
Long distance learning	19.0 (0.8)	15.9 (1.1)	16.7 (2.7)	16.3 (1.6)	14.4 (1.7)	17.5 (2.6)	24.8 (1.0)	28.3 (1.5)	25.6 (2.0)	26.8 (1.4)	21.6 (2.7)
Total students using library per 100 students each week[1]	77.4 (0.6)	86.2 (0.7)	93.4 (1.0)	92.1 (0.7)	87.7 (1.1)	73.6 (2.2)	61.4 (0.9)	75.2 (1.4)	66.9 (1.8)	61.3 (1.1)	51.4 (1.6)
Books checked out per 100 students each week[1]	101.0 (1.9)	134.4 (2.6)	213.0 (11.3)	159.4 (4.6)	132.9 (4.7)	90.9 (4.8)	39.0 (1.4)	71.2 (4.5)	45.9 (3.5)	32.1 (1.6)	27.4 (2.7)
Average holdings per 100 students at the end of the 1992–93 school year											
Books (number of volumes)	1,832 (33)	1,925 (48)	4,839 (302)	2,510 (108)	1,587 (42)	1,325 (36)	1,650 (26)	3,063 (79)	1,801 (49)	1,422 (25)	1,133 (29)
Current serial subscriptions (print/ microfilm)	6 (2)	5 (2)	20 (2)	6 (2)	4 (2)	3 (2)	7 (2)	16 (2)	8 (2)	5 (2)	3 (2)
Video materials (tape and disc)	29 (1)	28 (2)	86 (10)	34 (4)	25 (2)	20 (2)	29 (1)	52 (3)	35 (2)	25 (2)	20 (1)
Other audiovisual materials	95 (3)	100 (5)	197 (47)	116 (6)	97 (9)	71 (7)	84 (4)	135 (16)	102 (10)	80 (4)	52 (5)
Microcomputer software	12 (2)	15 (1)	55 (14)	20 (1)	11 (1)	10 (1)	6 (2)	10 (1)	8 (1)	6 (1)	4 (2)
CD-ROM titles	1 (2)	1 (2)	2 (2)	1 (2)	1 (2)	(2) (2)	1 (2)	2 (2)	1 (2)	1 (2)	(2) (2)
Locally budgeted expenditures[3] per student, 1992–93											
Books	$6.43 (0.16)	$6.48 (0.21)	$15.10(1.21)	$7.47 (0.25)	$6.37 (0.41)	$4.42 (0.29)	$6.28 (0.20)	$11.24(0.51)	$6.83 (0.36)	$5.68 (0.19)	$4.20 (0.37)
Current serial subscriptions (print/microfilm)	1.56 (0.04)	1.10 (0.04)	4.19 (0.44)	1.37 (0.06)	0.89 (0.05)	0.76 (0.06)	2.44 (0.07)	4.51 (0.20)	2.84 (0.15)	2.20 (0.07)	1.47 (0.06)
Video materials (tape and disc)	0.94 (0.03)	0.89 (0.04)	2.46 (0.40)	0.93 (0.05)	0.91 (0.07)	0.66 (0.07)	1.06 (0.04)	1.85 (0.13)	1.26 (0.11)	0.98 (0.07)	0.63 (0.04)
Other audiovisual materials	0.65 (0.03)	0.72 (0.04)	1.31 (0.58)	0.82 (0.07)	0.70 (0.06)	0.53 (0.07)	0.52 (0.03)	0.96 (0.09)	0.63 (0.08)	0.47 (0.04)	0.31 (0.03)
Microcomputer software	0.69 (0.04)	0.73 (0.06)	1.76 (0.49)	0.86 (0.09)	0.76 (0.13)	0.38 (0.05)	0.60 (0.04)	1.31 (0.18)	0.70 (0.11)	0.52 (0.04)	0.29 (0.04)
CD-ROM titles	0.50 (0.04)	0.33 (0.06)	0.98 (0.35)	0.31 (0.03)	0.41 (0.16)	0.16 (0.02)	0.80 (0.04)	1.36 (0.12)	0.85 (0.10)	0.74 (0.06)	0.57 (0.04)
Expenditures (all sources) per student, 1992–93											
Total, library/media materials	$12.74(0.24)	$12.00(0.31)	$31.05(2.45)	$14.27(0.50)	$11.16(0.56)	$8.34 (0.45)	$13.92(0.32)	$24.95(0.80)	$15.01(0.72)	$12.53(0.45)	$9.45 (0.51)
Microcomputer hardware	2.96 (0.16)	2.63 (0.23)	6.23 (1.32)	2.53 (0.26)	3.14 (0.52)	1.69 (0.26)	3.57 (0.28)	5.69 (0.94)	4.04 (0.70)	3.93 (0.50)	1.79 (0.21)
Audiovisual equipment	1.76 (0.08)	1.77 (0.11)	4.37 (1.28)	1.70 (0.16)	1.91 (0.24)	1.45 (0.25)	1.77 (0.07)	2.96 (0.23)	1.69 (0.15)	1.61 (0.11)	1.42 (0.14)
Online database searching/ electronic communications	0.26 (0.04)	0.22 (0.06)	0.31 (0.16)	0.23 (0.06)	0.26 (0.15)	0.10 (0.03)	0.33 (0.03)	0.57 (0.09)	0.26 (0.05)	0.22 (0.05)	0.39 (0.08)

[1] During the most recent full week of school.

[2] Data less than 0.5.

[3] Locally budgeted expenditures exclude federal gifts and grants.

NOTE: Percentages are based on schools that have library/media centers. In school year 1990–91, 96 percent of public and 87 percent of private schools had library/media centers. Data revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Schools and Staffing Survey, 1993–94*, unpublished data. (This table was prepared November 2001.)

Table 419.—Selected statistics on public school library/media centers, by state: 1993–94

State or other area	Percent of centers offering selected services/equipment						Average number of staff per library[1]	Total students using library per 100 students each week[2]	Books checked out per 100 students each week[2]	Books held per 100 students	Total expenditures for materials per student
	Computer with modem	Automated catalog	Database searching with CD-ROM	Online database searching	Compact disc for indices, etc.	Connection to the Internet					
1	2	3	4	5	6	7	8	9	10	11	12
United States	**34.3 (1.0)**	**24.0 (0.9)**	**31.2 (0.8)**	**9.4 (0.5)**	**46.7 (1.1)**	**12.0 (0.6)**	**1.81 (0.02)**	**77.4 (0.6)**	**101.0 (1.9)**	**1,832 (33)**	**$12.74 (0.24)**
Alabama	33.0 (4.2)	37.6 (5.9)	29.3 (4.0)	5.7 (2.0)	44.1 (4.6)	3.2 (1.5)	1.47 (0.06)	70.4 (2.4)	90.8 (14.4)	1,420 (44)	10.93 (0.52)
Alaska	34.7 (3.6)	34.3 (4.0)	39.7 (4.7)	6.8 (1.9)	44.6 (4.5)	15.1 (2.3)	1.53 (0.07)	82.5 (2.5)	144.1 (14.2)	2,698 (146)	29.39 (2.67)
Arizona	28.1 (3.5)	38.3 (5.3)	28.0 (4.0)	5.6 (2.2)	43.0 (4.4)	6.0 (1.9)	2.03 (0.09)	79.2 (2.5)	99.9 (6.6)	1,857 (83)	12.63 (0.89)
Arkansas	19.0 (4.0)	18.7 (4.0)	20.5 (4.1)	5.6 (2.4)	29.7 (4.6)	8.5 (2.5)	1.49 (0.06)	75.0 (3.6)	98.5 (11.0)	1,854 (148)	12.75 (0.67)
California	19.9 (4.3)	14.0 (3.4)	23.4 (3.7)	3.1 (1.0)	38.0 (5.7)	6.2 (2.3)	1.54 (0.10)	72.8 (2.6)	87.1 (9.0)	1,315 (77)	6.45 (0.89)
Colorado	47.0 (4.7)	43.6 (5.7)	43.3 (5.5)	30.7 (4.7)	60.7 (5.5)	16.3 (3.5)	1.89 (0.09)	75.8 (3.0)	104.4 (7.2)	1,812 (75)	13.03 (0.76)
Connecticut	43.8 (6.5)	12.8 (2.7)	45.4 (5.3)	17.9 (3.8)	54.4 (6.0)	6.5 (2.6)	1.69 (0.07)	84.6 (2.6)	89.7 (7.1)	2,076 (99)	14.10 (1.25)
Delaware	41.8 (3.6)	22.5 (3.0)	34.7 (3.5)	14.4 (2.5)	48.2 (3.5)	5.7 (2.0)	1.43 (0.06)	74.4 (3.5)	79.0 (3.8)	1,428 (64)	8.75 (0.73)
District of Columbia	23.5 (4.0)	4.4 (2.2)	25.4 (2.8)	10.4 (3.3)	31.2 (3.2)	1.7 (1.1)	1.46 (0.08)	59.6 (3.5)	38.5 (3.9)	1,377 (53)	7.53 (0.59)
Florida	45.3 (3.8)	29.8 (3.3)	39.9 (3.6)	11.8 (2.8)	71.0 (4.0)	21.1 (3.4)	2.04 (0.06)	70.9 (3.1)	80.5 (8.4)	1,428 (202)	9.87 (0.57)
Georgia	29.8 (4.7)	48.2 (4.4)	34.5 (4.6)	13.6 (2.6)	46.6 (4.7)	10.8 (2.7)	2.07 (0.06)	80.1 (1.8)	97.4 (5.7)	1,384 (31)	12.04 (0.47)
Hawaii	75.3 (5.3)	27.1 (4.4)	47.7 (5.7)	24.3 (4.9)	64.8 (4.9)	29.4 (5.0)	1.46 (0.08)	80.0 (2.4)	143.7 (18.6)	1,366 (49)	10.21 (0.67)
Idaho	29.9 (4.2)	15.4 (4.0)	21.6 (4.4)	6.2 (2.3)	32.1 (5.1)	8.6 (3.1)	1.68 (0.11)	80.9 (2.4)	106.1 (8.3)	1,774 (124)	10.07 (0.60)
Illinois	32.2 (3.5)	17.7 (3.8)	23.0 (3.4)	7.9 (1.7)	36.6 (4.2)	7.1 (2.2)	2.05 (0.11)	77.7 (2.7)	104.8 (7.6)	1,879 (95)	12.02 (0.81)
Indiana	29.9 (6.7)	31.0 (4.9)	32.0 (5.9)	2.4 (0.7)	66.1 (6.3)	5.5 (1.2)	1.93 (0.07)	82.3 (2.1)	133.9 (18.1)	2,192 (274)	13.92 (0.94)
Iowa	38.8 (6.4)	17.4 (5.0)	44.2 (5.7)	14.6 (3.6)	71.2 (5.7)	8.6 (3.1)	2.15 (0.12)	87.6 (2.6)	138.3 (10.6)	2,923 (260)	17.21 (1.59)
Kansas	24.9 (3.0)	31.5 (4.9)	20.9 (3.1)	9.7 (2.0)	46.6 (4.5)	10.6 (2.5)	2.00 (0.07)	86.3 (1.7)	127.4 (8.7)	2,768 (152)	24.81 (2.59)
Kentucky	30.1 (6.2)	33.1 (7.0)	32.3 (5.5)	4.3 (2.2)	60.3 (6.3)	5.3 (2.4)	1.77 (0.10)	80.8 (2.5)	109.4 (6.8)	1,529 (72)	13.62 (0.88)
Louisiana	24.2 (3.9)	13.9 (3.5)	21.9 (3.4)	2.3 (0.8)	28.1 (3.8)	6.2 (2.4)	1.43 (0.09)	66.0 (3.2)	93.2 (10.1)	1,635 (56)	15.76 (4.25)
Maine	33.3 (5.4)	18.9 (4.4)	25.5 (3.8)	5.4 (2.0)	38.9 (6.7)	5.4 (1.6)	1.54 (0.12)	87.4 (2.6)	118.7 (12.5)	2,141 (124)	15.08 (1.20)
Maryland	41.0 (3.9)	15.4 (3.4)	31.8 (4.5)	22.3 (3.1)	46.2 (4.7)	32.6 (3.5)	1.70 (0.08)	84.2 (1.7)	87.0 (4.6)	1,363 (45)	11.25 (0.56)
Massachusetts	38.2 (4.9)	9.1 (1.6)	45.3 (4.8)	8.9 (1.6)	46.3 (4.8)	24.1 (3.8)	1.67 (0.11)	71.1 (3.3)	62.2 (6.5)	2,003 (134)	10.29 (0.89)
Michigan	42.2 (7.6)	12.1 (3.9)	38.1 (6.3)	10.2 (3.8)	57.9 (6.1)	15.1 (5.3)	1.85 (0.12)	80.5 (3.3)	91.6 (9.9)	1,797 (89)	12.25 (1.35)
Minnesota	35.6 (4.8)	53.4 (6.1)	52.9 (6.1)	13.8 (3.0)	69.0 (5.6)	17.3 (3.6)	2.43 (0.16)	82.1 (2.7)	128.4 (19.5)	2,362 (104)	15.94 (1.31)
Mississippi	9.4 (2.0)	5.2 (2.1)	14.2 (3.9)	3.0 (1.4)	23.2 (3.6)	3.1 (1.3)	1.74 (0.13)	70.0 (3.1)	80.9 (8.8)	1,415 (51)	13.78 (2.65)
Missouri	31.3 (4.3)	39.4 (6.7)	31.4 (5.0)	17.8 (3.9)	46.0 (5.9)	15.7 (4.2)	1.63 (0.09)	74.2 (2.9)	119.8 (11.5)	2,052 (105)	14.88 (0.93)
Montana	50.8 (4.3)	20.6 (3.1)	43.7 (4.1)	17.4 (3.3)	58.2 (3.6)	6.2 (2.0)	1.73 (0.07)	86.4 (2.7)	139.2 (9.9)	4,127 (259)	28.39 (2.34)
Nebraska	31.6 (5.0)	29.0 (4.9)	36.3 (5.7)	12.1 (2.5)	58.8 (6.0)	15.8 (3.0)	1.65 (0.12)	86.3 (2.2)	140.6 (12.0)	3,289 (285)	24.63 (1.77)
Nevada	18.4 (4.0)	48.2 (5.5)	32.2 (4.5)	3.0 (1.3)	37.1 (4.2)	9.4 (2.9)	1.96 (0.10)	77.3 (3.4)	82.6 (6.4)	1,528 (156)	10.26 (0.91)
New Hampshire	43.9 (6.6)	21.4 (4.8)	39.8 (6.6)	8.2 (2.6)	51.2 (5.9)	17.4 (4.4)	1.76 (0.08)	82.7 (2.5)	98.6 (10.5)	1,858 (124)	16.82 (1.12)
New Jersey	39.1 (6.8)	28.5 (6.5)	30.2 (6.4)	7.2 (1.4)	46.2 (7.2)	5.2 (1.3)	2.08 (0.13)	77.5 (3.5)	79.4 (9.7)	2,198 (233)	18.38 (1.94)
New Mexico	32.8 (6.1)	21.9 (5.3)	32.0 (4.3)	3.9 (1.5)	43.1 (5.5)	7.8 (2.4)	1.29 (0.06)	72.3 (2.6)	104.8 (9.8)	1,781 (76)	13.10 (3.26)
New York	39.5 (5.5)	14.3 (3.9)	25.2 (3.4)	12.5 (2.4)	44.8 (5.1)	16.0 (3.6)	1.90 (0.10)	70.9 (4.2)	74.7 (7.7)	1,768 (78)	11.47 (0.96)
North Carolina	40.5 (4.6)	29.4 (4.0)	42.0 (4.3)	10.8 (1.7)	65.0 (4.1)	7.9 (2.3)	2.07 (0.10)	76.1 (2.6)	105.6 (8.4)	1,493 (39)	13.76 (0.90)
North Dakota	65.8 (5.3)	16.0 (3.6)	27.3 (5.1)	39.1 (5.7)	41.1 (6.5)	36.8 (5.5)	1.65 (0.06)	90.5 (1.1)	283.2 (56.3)	5,198 (853)	22.43 (1.41)
Ohio	33.1 (7.1)	12.9 (5.0)	16.9 (3.9)	3.3 (1.1)	31.9 (6.7)	7.1 (2.3)	1.69 (0.09)	79.7 (3.0)	92.8 (8.3)	2,906 (435)	9.87 (1.03)
Oklahoma	20.1 (2.7)	32.7 (3.8)	32.5 (3.5)	6.7 (1.7)	44.1 (4.2)	4.0 (1.7)	1.81 (0.05)	78.0 (1.9)	114.0 (7.3)	2,045 (90)	22.89 (1.49)
Oregon	38.6 (5.8)	39.2 (5.2)	51.5 (6.7)	18.9 (4.7)	49.5 (6.5)	11.7 (4.2)	1.87 (0.11)	82.7 (3.7)	112.3 (10.9)	2,125 (113)	17.90 (1.45)
Pennsylvania	33.9 (6.9)	17.3 (4.0)	32.6 (5.5)	2.5 (1.1)	39.2 (6.4)	6.4 (3.1)	1.88 (0.11)	86.6 (2.6)	117.0 (14.5)	2,169 (106)	12.36 (1.13)
Rhode Island	25.0 (4.9)	11.8 (3.2)	13.0 (3.5)	1.0 (0.6)	21.7 (4.8)	18.6 (4.2)	1.75 (0.08)	79.6 (3.2)	103.3 (13.3)	1,626 (155)	7.73 (0.90)
South Carolina	44.0 (5.4)	46.4 (5.0)	39.4 (5.7)	6.9 (1.7)	55.4 (7.1)	13.5 (4.1)	1.97 (0.09)	74.6 (3.7)	97.8 (10.6)	1,415 (49)	10.89 (0.51)
South Dakota	56.2 (6.8)	12.6 (3.4)	37.7 (6.2)	23.1 (4.2)	60.2 (5.5)	9.0 (2.7)	1.69 (0.12)	87.3 (2.2)	149.6 (13.4)	3,075 (271)	26.47 (2.62)
Tennessee	15.1 (4.3)	18.9 (5.1)	16.6 (4.5)	2.5 (2.3)	34.9 (6.5)	3.6 (1.9)	1.46 (0.08)	79.7 (2.8)	84.1 (7.9)	1,550 (79)	8.19 (0.60)
Texas	39.4 (4.6)	20.5 (4.2)	27.2 (3.1)	9.9 (2.8)	33.9 (3.8)	24.7 (4.2)	1.81 (0.07)	75.7 (2.6)	109.1 (7.3)	1,554 (69)	14.62 (0.97)
Utah	22.2 (3.6)	37.4 (4.1)	28.6 (3.6)	5.1 (2.3)	39.1 (3.6)	6.7 (1.9)	1.67 (0.07)	70.5 (2.4)	88.8 (5.4)	1,235 (54)	7.92 (0.50)
Vermont	47.0 (4.9)	27.2 (5.6)	35.3 (4.2)	14.5 (3.3)	51.9 (4.8)	32.2 (3.4)	1.80 (0.11)	86.8 (1.7)	153.8 (29.1)	2,871 (156)	25.50 (2.40)
Virginia	61.7 (8.3)	35.5 (6.1)	38.6 (5.8)	10.6 (2.9)	72.4 (7.0)	31.4 (5.6)	1.85 (0.11)	82.6 (2.8)	118.6 (14.4)	1,716 (76)	13.03 (0.85)
Washington	40.2 (5.2)	35.7 (5.6)	43.1 (3.6)	11.7 (2.9)	53.1 (4.9)	13.0 (2.6)	1.91 (0.10)	85.7 (1.9)	127.8 (8.9)	1,728 (53)	13.16 (1.18)
West Virginia	24.7 (6.0)	16.7 (4.2)	18.0 (4.0)	8.3 (3.5)	31.0 (5.5)	6.4 (3.2)	0.95 (0.09)	67.1 (4.4)	79.0 (11.9)	1,666 (124)	7.15 (0.67)
Wisconsin	34.2 (6.5)	27.2 (4.7)	36.1 (5.0)	14.8 (3.8)	57.1 (6.1)	9.0 (2.6)	1.98 (0.11)	83.9 (2.9)	138.9 (14.6)	2,430 (117)	21.84 (1.19)
Wyoming	39.0 (3.4)	28.0 (4.2)	32.1 (5.7)	8.1 (2.5)	41.7 (4.5)	6.6 (2.3)	1.82 (0.10)	80.4 (2.1)	158.0 (13.8)	3,968 (379)	22.42 (1.61)

[1] Includes professional and nonprofessional staff.

[2] During the most recent full week of school.

NOTE: Percentages are based on schools that have library/media centers. In school year 1990–91, 96 percent of public schools had library/media centers. Data have been revised from previously published figures. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Schools and Staffing Survey, 1993–94*, unpublished data. (This table was prepared November 2001.)

Table 420.—Percent of public and private schools having access to selected telecommunication capabilities, by location of access site and control of school: 1995 and 1998–99

Telecommunications capabilities	Percent of schools having access	Percent of schools with telecommunicatons access, by location					
		Administrative offices	Teacher workrooms	Classrooms	Computer labs	Library/ media centers	Other instructional rooms
1	2	3	4	5	6	7	8
	All public schools, 1995						
Computer with any telecommunication capabilities via local area network	77	73	20	45	71	64	—
Computer with any telecommunication capabilities via modem	76	61	10	30	41	64	—
Computer with any telecommunication capabilities via wide area network	61	58	14	35	41	68	—
Broadcast television	71	35	28	82	47	88	—
Cable television	76	33	25	72	42	91	—
Closed circuit television	28	50	32	91	60	89	—
Two-way video with two-way audio	13	24	17	57	37	69	—
One-way video with two-way audio or computer link	7	26	15	63	41	54	—
	All private schools, 1998–99						
Computer connected to a local area network	49	79	—	51	68	45	31
Computer with modem	73	81	—	41	50	31	18
Computer with connection or access to the Internet	67	79	—	44	56	41	21
Computer with connection or access to the Intranet	19	86	—	61	75	54	30
Stand-alone computer (i.e., not connected to any network)	85	68	—	83	52	42	39
Computer with multimedia capabilities (e.g., CD-ROM, speakers)	81	83	—	69	70	48	35
Interactive television/computer with two-way audio/visual	12	12	—	54	65	38	28

—Not available.

NOTE: Location estimates are based on those schools having access to each type of telecommunication capability. Percents of schools reporting telecommunication locations do not sum to 100 because many schools have access in more than one location. Data are derived from a sample survey and are subject to sampling error.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Advanced Telecommunications in U.S. Public Elementary and Secondary Schools, 1995;* and *Advanced Telecommunications in U.S. Private Schools: 1998–99.* (This table was prepared May 2001.)

Table 421.—Public schools and school classrooms with access to the Internet, by school characteristics: 1994 to 2000

Schools, computers, instruction rooms, and access	All public schools	Instructional level[1]		Size of school enrollment			Metropolitan status				Percent of students eligible for free or reduced-price lunch[2]			
		Elementary	Secondary	Less than 300	300 to 999	1,000 or more	City	Urban fringe	Town	Rural	Less than 35 percent	35 to 49 percent	50 to 74 percent	75 percent or more
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Estimated number of schools														
1995	77,853	57,705	18,083	20,673	50,044	7,136	17,906	18,464	19,539	21,944	37,450	13,627	12,808	13,166
1997	79,125	59,695	19,430	20,540	51,169	7,416	21,071	23,419	12,637	21,998	37,525	12,250	16,302	12,864
1998	78,791	59,173	19,193	20,095	50,655	8,041	20,698	26,265	11,306	20,522	38,156	12,088	13,967	14,541
1999	78,399	59,575	17,110	20,018	50,389	7,992	21,034	26,245	11,235	19,885	35,653	13,908	16,099	11,993
2000	80,127	59,782	18,414	20,067	51,887	8,173	21,115	26,584	11,879	20,550	36,563	12,414	17,030	13,912
1998 (standard error)	(333)	(293)	(220)	(479)	(467)	(165)	(88)	(98)	(182)	(273)	(1,530)	(1,185)	(991)	(1,263)
1999 (standard error)	(665)	(722)	(521)	(1,263)	(681)	(291)	(605)	(514)	(343)	(506)	(1,211)	(977)	(1,067)	(949)
2000 (standard error)	(650)	(569)	(359)	(697)	(206)	(217)	(1,380)	(1,746)	(1,323)	(1,478)	(1,215)	(792)	(1,071)	(923)
Percent of schools having access to the Internet														
1994	35	30	49	30	35	58	40	38	29	35	39	36	31	20
1995	50	46	65	39	52	69	47	59	47	48	60	48	41	31
1996	65	61	77	57	66	80	64	75	61	60	74	59	53	53
1997	78	75	89	75	78	89	74	78	84	79	86	81	71	62
1998	89	88	94	87	89	95	92	85	90	92	92	93	88	79
1999	95	94	98	96	94	96	93	96	94	96	95	98	96	89
2000	98	97	[3]100	96	98	99	96	98	98	99	99	99	97	94
1998 (standard error)	(1.3)	(1.6)	(2.1)	(3.4)	(1.4)	(2.4)	(2.1)	(2.8)	(3.2)	(3.4)	(2.0)	(2.2)	(3.0)	(3.7)
1999 (standard error)	(0.8)	(1.0)	(0.8)	(1.5)	(1.0)	(1.7)	(1.5)	(1.2)	(2.5)	(1.4)	(1.1)	(0.9)	(1.7)	(3.1)
2000 (standard error)	(0.5)	(0.7)	(0.2)	(1.7)	(0.5)	(0.6)	(1.1)	(1.2)	(1.2)	(0.9)	(0.7)	(0.7)	(1.3)	(1.7)
Number of computers for instructional purposes, in thousands														
1995[4]	5,621	3,453	2,021	850	3,600	1,171	1,497	1,526	1,404	1,195	2,905	806	950	882
1997	5,959	3,701	2,258	839	3,767	1,353	1,727	2,084	934	1,214	3,154	886	1,013	890
1998	7,111	4,519	2,549	952	4,414	1,744	2,148	2,606	1,047	1,311	3,630	1,105	1,127	1,235
1999	7,806	4,923	2,728	1,021	4,952	1,834	2,320	2,975	1,022	1,489	3,900	1,245	1,429	1,170
2000	8,776	5,296	3,271	1,135	5,524	2,117	2,537	3,396	1,155	1,689	4,394	1,373	1,606	1,384
1998 (standard error)	(183)	(145)	(94)	(53)	(136)	(106)	(74)	(129)	(58)	(77)	(198)	(114)	(89)	(155)
1999 (standard error)	(147)	(114)	(103)	(76)	(127)	(101)	(113)	(121)	(50)	(75)	(152)	(115)	(116)	(98)
2000 (standard error)	(174)	(149)	(113)	(73)	(121)	(103)	(179)	(213)	(132)	(131)	(147)	(93)	(112)	(107)
Mean number of instructional computers per school														
1995[4]	72	60	112	41	72	164	84	83	72	54	78	59	74	67
1997	75	62	116	41	74	183	82	89	74	55	84	72	62	69
1998	90	76	133	47	87	217	104	99	93	64	95	91	81	85
1999	100	83	159	51	98	229	110	113	91	75	109	90	89	98
2000	110	89	178	57	106	259	120	128	97	82	120	111	94	99
1998 (standard error)	(2.3)	(2.4)	(4.9)	(2.6)	(2.5)	(13.0)	(3.6)	(4.9)	(5.2)	(3.6)	(3.7)	(6.1)	(4.5)	(7.7)
1999 (standard error)	(2.2)	(2.2)	(6.4)	(2.5)	(2.3)	(10.7)	(4.7)	(4.2)	(4.2)	(3.6)	(2.8)	(6.8)	(5.6)	(5.2)
2000 (standard error)	(2.0)	(2.4)	(5.3)	(3.1)	(2.3)	(9.0)	(4.9)	(4.3)	(5.6)	(3.6)	(3.4)	(5.9)	(5.7)	(5.5)
Number of instructional computers with access to the Internet, in thousands														
1995[4]	447	232	187	59	315	73	96	131	126	94	286	46	57	36
1998	3,569	2,100	1,450	407	2,276	887	1,026	1,334	481	727	2,064	608	439	458
1999	4,809	2,773	1,945	663	2,988	1,158	1,265	1,887	691	966	2,762	778	810	428
2000	6,759	3,813	2,779	882	4,191	1,686	1,782	2,688	955	1,335	3,608	1,064	1,215	858
1998 (standard error)	(173)	(148)	(79)	(38)	(140)	(73)	(87)	(105)	(46)	(73)	(151)	(79)	(48)	(78)
1999 (standard error)	(145)	(111)	(89)	(60)	(132)	(68)	(94)	(93)	(50)	(70)	(140)	(59)	(79)	(55)
2000 (standard error)	(174)	(136)	(113)	(69)	(114)	(97)	(146)	(178)	(111)	(91)	(139)	(80)	(93)	(87)
Percent of instructional computers with access to the Internet														
1995[4]	8	7	9	7	9	6	6	9	9	8	10	6	6	4
1998	50	46	57	43	52	51	48	51	46	55	57	55	39	37
1999	62	56	71	65	60	63	55	63	68	65	71	62	57	37
2000	77	72	85	78	76	80	70	79	83	79	82	77	76	62
1998 (standard error)	(1.7)	(2.5)	(2.1)	(3.4)	(2.2)	(3.4)	(3.0)	(2.8)	(4.1)	(3.4)	(2.0)	(4.2)	(2.9)	(4.6)
1999 (standard error)	(1.4)	(1.6)	(2.4)	(3.0)	(1.7)	(3.6)	(2.6)	(2.4)	(3.1)	(2.7)	(2.2)	(3.6)	(2.8)	(3.6)
2000 (standard error)	(1.1)	(1.5)	(1.2)	(2.6)	(1.3)	(1.8)	(2.1)	(1.7)	(2.5)	(2.1)	(1.2)	(2.9)	(2.6)	(3.1)
Number of instructional rooms,[5] in thousands														
1997	2,625	1,720	906	335	1,725	566	830	902	388	505	1,336	375	462	447
1998	2,709	1,772	916	349	1,740	620	839	981	390	498	1,372	413	451	471
1999	2,811	1,830	926	360	1,805	645	857	1,049	375	530	1,325	477	541	437
2000	2,905	1,864	972	377	1,871	657	866	1,086	413	541	1,380	465	570	482
1998 (standard error)	(41)	(29)	(25)	(15)	(34)	(21)	(22)	(24)	(14)	(17)	(60)	(39)	(29)	(42)
1999 (standard error)	(36)	(33)	(29)	(26)	(39)	(30)	(29)	(33)	(16)	(23)	(46)	(34)	(42)	(34)
2000 (standard error)	(35)	(28)	(24)	(22)	(23)	(23)	(56)	(61)	(47)	(39)	(46)	(28)	(36)	(29)
Percent of instructional rooms[5] with access to the Internet														
1994	3	3	4	3	3	3	4	4	3	3	3	2	4	2
1995	8	8	8	9	8	4	6	8	8	8	9	6	6	3
1996	14	13	16	15	13	16	12	16	14	14	17	12	11	5
1997	27	24	32	27	28	25	20	29	34	30	33	33	20	14
1998	51	51	52	54	53	45	47	50	55	57	57	60	41	38
1999	63	62	67	71	64	58	52	67	72	71	73	69	61	38
2000	77	78	79	83	78	70	66	78	87	85	82	81	77	60
1998 (standard error)	(1.7)	(2.3)	(2.1)	(5.4)	(5.3)	(4.5)	(3.2)	(2.9)	(4.0)	(3.6)	(2.4)	(5.1)	(3.9)	(4.3)
1999 (standard error)	(1.6)	(1.8)	(2.6)	(3.2)	(1.9)	(3.0)	(2.6)	(2.5)	(3.4)	(3.0)	(2.3)	(3.4)	(3.1)	(4.4)
2000 (standard error)	(1.1)	(1.5)	(1.6)	(2.8)	(1.5)	(2.2)	(2.2)	(2.0)	(2.6)	(1.7)	(1.5)	(2.9)	(2.8)	(3.3)

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[1] Excludes combined elementary/secondary schools because of small sample size.

[2] Excludes schools missing data for free and reduced price lunch participation.

[3] This estimate fell between 99.5 percent and 100.0 percent and therefore was rounded to 100 percent.

[4] Includes computers used for instructional or administrative purposes.

[5] Includes all classrooms, computer labs, and library/media centers.

NOTE: Data are derived from sample surveys and are subject to sampling error. Detail may not sum to totals because of rounding of weighted estimates. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Internet Access in U.S. Public Schools and Classrooms: 1994–2000*; and unpublished data. (This table was prepared July 2001.)

Table 422.—General statistics of college and university libraries: 1976–77 to 1997–98

Item	1976–77[1]	1978–79[1]	1981–82	1984–85	1987–88	1991–92	1994–95	1996–97	1997–98
1	2	3	4	5	6	7	8	9	10
Number of libraries	3,058	3,122	3,104	3,322	3,438	3,274	3,303	3,408	3,658
General collection transactions, in thousands	—	—	—	—	—	—	183,123	186,545	175,409
Reserve collection transactions, in thousands	—	—	—	—	—	—	48,380	44,189	40,658
Total enrollment, in thousands[2]	11,121	11,392	12,372	12,242	12,767	14,359	14,279	14,300	14,502
Full-time-equivalent enrollment, in thousands[2]	8,313	8,348	9,015	8,952	9,230	10,361	10,348	10,402	10,217
Collections, thousands of units									
Number of volumes at end of year	481,442	519,895	567,826	631,727	718,504	749,429	776,447	806,717	878,906
Number of volumes added during year	22,367	21,608	19,507	20,658	21,907	20,982	21,544	21,346	24,551
Number of serial subscriptions at end of year	4,670	4,775	4,890	6,317	6,416	6,966	6,212	5,709	[3] 10,908
Microform units at end of year	—	—	—	—	—	—	—	—	1,062,082
Electronic units at end of year[4]	—	—	—	—	—	—	465	983	3,473
Library staff, in full-time equivalents (FTE)									
Total staff in regular positions[5]	57,087	58,416	58,476	58,476	67,251	67,166	67,433	67,581	68,337
FTE student enrollment per FTE staff	145.6	142.9	154.2	153.1	137.2	154.3	153.5	153.9	149.5
Librarians and professional staff	23,308	23,676	23,816	21,822	25,115	26,341	26,726	27,268	30,041
Other paid staff	33,779	34,740	34,660	38,026	40,733	40,421	40,381	40,022	38,026
Contributed services	—	—	—	—	1,403	404	326	291	270
Student assistants	—	—	—	—	33,821	29,075	28,411	27,998	28,373
Hours of student and other assistance, in thousands	39,950	39,552	40,068	28,360	—	—	—	—	—
Library operating expenditures (excluding capital outlay)									
Operating expenditures, total, in thousands	$1,259,637	$1,502,158	$1,943,769	$2,404,524	$2,770,075	$3,648,654	$4,013,333	$4,301,815	$4,592,657
Salaries[6]	698,090	824,438	1,081,894	1,156,138	1,451,551	1,889,368	2,021,233	2,147,842	2,314,380
Hourly wages	68,683	79,535	100,847	—	—	—	—	—	—
Fringe benefits	—	—	—	231,209	—	—	—	—	—
Preservation	22,521	25,274	30,351	32,939	34,144	43,126	46,554	45,610	42,919
Furniture/equipment	—	—	—	—	—	—	55,915	56,128	57,013
Computer hardware/software	—	—	—	—	—	—	128,128	157,949	164,379
Utilities/networks/consortia	—	—	—	—	—	—	81,106	85,113	89,618
Information resources	373,699	450,180	561,199	750,282	891,281	1,197,293	1,348,933	1,499,249	1,600,995
Books and serial backfiles-paper	—	—	—	—	—	—	—	—	514,048
Books and serial backfiles-electronic	—	—	—	—	—	—	—	—	28,061
Current serials- paper	—	—	—	—	—	—	—	—	849,399
Current serials- electronic	—	—	—	—	—	—	—	—	125,470
Audiovisual materials	—	—	—	—	—	23,879	28,753	28,879	30,623
Document delivery/interlibrary loan	—	—	—	—	—	—	12,238	17,645	19,309
Other collection expenditures	373,699	450,180	561,199	750,282	891,281	1,173,414	1,307,942	1,452,725	34,086
Other library operating expenditures	96,643	122,731	169,478	233,957	393,099	518,867	331,463	309,925	323,354
Operating expenditures per FTE student	152	180	216	269	300	352	388	414	450
Operating expenditures per FTE student in constant 1997–98 dollars	418	425	371	411	419	412	417	421	450
Operating expenditures, total, in percents	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Salaries[6]	55.4	54.9	55.7	48.1	52.4	51.8	50.4	49.9	50.4
Hourly wages	5.5	5.3	5.2	—	—	—	—	—	—
Fringe benefits	—	—	—	9.6	—	—	—	—	—
Preservation	1.8	1.7	1.6	1.4	1.2	1.2	1.2	1.1	0.9
Information resources	29.7	30.0	28.9	31.2	32.2	32.8	33.6	34.9	34.9
Other library operating expenditures[7]	7.7	8.2	8.7	9.7	14.2	14.2	14.9	14.2	13.8
Library operating expenditures as percent of total institutional expenditures for educational and general purposes	3.8	3.7	3.5	3.4	3.2	3.0	2.8	—	—

—Not available.

[1] Includes data for U.S. territories.

[2] Fall enrollment for the academic year specified.

[3] Includes microform and electronic serials.

[4] Electronic files, formerly labeled "Computer files."

[5] Excludes student assistants.

[6] Includes expenditures for fringe benefits (except for 1984–85 and 1987–88), salary equivalents of contributed services staff, and hourly wages for 1996–97 and 1997–98.

[7] Includes furniture/equipment, computer hardware/software, and utilities/networks/consortia as well as expenditures classified above as "other library operating expenditures."

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Library Statistics of Colleges and Universities*, various years; and Integrated Postsecondary Education Data System, "Academic Library Survey," various years, and "Fall Enrollment Survey 1997." (This table was prepared July 2001.)

Table 423.—Selected statistics on the collections, staff, and operating expenditures of 60 large college and university libraries: 1998

Institution	Rank order, by number of volumes	Number of volumes at end of year, in thousands	Full-time-equivalent staff		Operating expenditures, in thousands		Public service hours per week	Gate count per week	Reference transactions per week
			Total	Professional	Total	Salaries and wages			
1	2	3	4	5	6	7	8	9	10
Harvard University (MA)	1	13,982	1,188	351	$84,473	$38,250	104	37,560	12,138
Yale University (CT)	2	10,108	611	163	48,331	18,393	111	14,080	1,476
University of Illinois, Urbana Campus	3	9,171	543	115	26,207	14,221	107	34,521	12,743
University of Texas, Austin	4	7,649	574	132	28,744	13,788	147	143,570	5,781
University of California, Berkeley	5	7,263	642	77	29,922	16,611	83	34,521	7,130
University of California, Los Angeles	6	7,212	546	129	38,092	20,419	87	86,602	7,510
University of Michigan, Ann Arbor	7	7,072	594	145	34,655	15,941	168	48,236	4,420
Stanford University (CA)	8	7,036	601	113	47,211	22,997	49	14,080	2,197
Columbia University, Main Division (NY)	9	7,018	513	128	30,743	15,369	104	—	—
University of Chicago (IL)	10	6,271	336	69	21,285	9,140	111	34,120	1,327
Indiana University, Bloomington	11	6,039	499	106	24,336	12,343	115	73,799	11,844
University of Wisconsin, Madison	12	5,902	501	125	29,187	15,833	131	140,386	7,034
University of Washington	13	5,820	502	138	26,605	14,598	106	34,521	7,130
Ohio State University, Main Campus	14	5,784	417	91	23,417	10,786	109	45,696	29,439
University of Minnesota, Twin Cities	15	5,613	431	88	28,490	13,258	106	34,521	4,786
Cornell University (NY)	16	5,218	468	97	22,218	11,078	104	—	2,057
Princeton University (NJ)	17	5,095	371	106	27,049	12,403	112	—	—
University of North Carolina, Chapel Hill	18	4,928	431	122	24,333	11,315	145	—	4,510
Duke University (NC)	19	4,764	359	110	23,919	10,220	122	—	3,426
University of Pennsylvania	20	4,673	392	112	28,838	11,837	143	35,590	7,582
Rutgers University (NJ)	21	4,643	327	72	17,640	10,830	108	74,268	4,473
University of Virginia, Main Campus	22	4,514	363	95	22,854	12,230	117	34,521	8,173
Michigan State University	23	4,188	273	57	16,596	7,798	114	—	3,183
New York University	24	4,167	419	92	26,646	13,112	115	38,000	5,995
University of Kansas, Main Campus	25	4,106	238	59	13,144	6,186	102	34,521	7,130
University of Arizona	26	4,080	293	69	16,157	6,569	154	26,651	2,510
Northwestern University (IL)	27	3,954	351	92	18,443	9,189	123	35,940	1,700
University of Iowa	28	3,927	298	76	20,095	9,040	106	53,661	6,717
University of Oklahoma, Norman Campus	29	3,797	146	33	8,787	3,197	108	16,996	3,529
University of Pittsburgh, Main Campus (PA)	30	3,552	335	85	17,909	7,798	120	49,933	6,107
University of Georgia	31	3,458	360	71	18,825	8,164	104	22,898	2,348
University of Florida	32	3,401	416	111	19,920	9,403	108	57,272	4,600
University of Southern California	33	3,337	338	80	23,975	10,128	24	60,846	3,129
Washington University (MO)	34	3,295	265	73	18,040	6,727	117	47,046	8,494
University of Hawaii, Manoa	35	3,167	243	65	11,934	6,574	87	29,671	3,513
State U. of New York, Buffalo, Main Campus	36	3,107	263	72	14,733	7,427	90	62,400	6,890
Johns Hopkins University (MD)	37	3,098	308	58	22,904	8,907	120	31,258	43,066
Arizona State University	38	3,074	295	82	17,332	7,920	102	30,944	4,948
University of South Carolina at Columbia	39	3,067	277	78	15,232	6,492	111	21,000	3,500
Wayne State University (MI)	40	3,046	278	46	16,050	7,631	97	50,144	17,256
Syracuse University, Main Campus (NY)	41	3,036	273	49	10,354	5,284	105	14,852	4,536
University of Colorado, Boulder	42	3,022	258	62	17,875	7,248	106	2,045	4,582
Louisiana State U. & A&M & Hebert Laws Center	43	3,014	203	50	10,816	4,953	111	41,287	2,931
University of Rochester (NY)	44	2,996	216	59	12,256	5,377	116	21,811	1,232
Brown University (RI)	45	2,979	241	61	13,528	6,574	111	20,392	1,451
University of Missouri, Columbia	46	2,856	246	58	11,274	5,365	104	30,874	2,677
Pennsylvania State University, Main Campus	47	2,832	415	77	22,642	10,769	168	71,665	5,191
University of Massachusetts at Amherst	48	2,826	194	46	11,163	5,571	105	27,000	2,750
Brigham Young University (UT)	49	2,823	386	84	13,494	6,612	101	71,917	9,968
Kansas State University	50	2,770	139	42	7,302	3,208	90	15,407	1,549
Southern Illinois University, Carbondale	51	2,740	229	40	11,097	5,239	92	15,340	3,035
University of Kentucky	52	2,719	362	87	17,418	7,962	144	45,284	3,881
North Carolina State University at Raleigh	53	2,713	324	85	17,222	6,924	146	35,654	2,952
University of Maryland, College Park Campus	54	2,700	329	108	16,373	9,213	98	58,789	6,311
University of Utah	55	2,684	381	67	19,778	8,563	105	76,231	7,538
University of California, Davis	56	2,672	267	50	14,781	8,464	87	24,217	4,431
University of Notre Dame (IN)	57	2,644	237	46	15,032	6,192	126	20,000	1,080
University of California, San Diego	58	2,578	322	49	18,729	9,693	109	36,180	3,501
Vanderbilt University (TN)	59	2,512	291	80	15,946	7,299	111	21,600	2,103
Auburn University, Main Campus (AL)	60	2,505	142	32	9,267	3,792	99	11,799	3,280

—Not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Academic Library Survey 1998." (This table was prepared August 2001.)

Table 424.—General statistics of public libraries, by population of legal service area: 1998

Item	Population of legal service area						
	Total	Under 10,000	10,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 and over
1	2	3	4	5	6	7	8
Number of public library service outlets	**17,113**	**5,690**	**4,179**	**1,790**	**2,177**	**1,133**	**2,144**
Central libraries	8,887	5,370	2,548	493	330	82	64
Branch libraries	7,293	248	1,317	1,108	1,662	980	1,978
Bookmobiles	933	72	314	189	185	71	102
Collections, in thousands							
Books and serial volumes [1]	739,168	97,416	180,593	88,086	108,978	73,215	190,880
Audio and video materials and films	45,394	4,448	10,769	5,466	7,100	4,581	13,030
Serial subscriptions	1,913	268	483	219	261	178	503
Paid staff, in full-time equivalents							
Librarians	40,689	5,727	10,659	4,831	5,856	4,093	9,522
Librarians with ALA-MLS [2]	28,178	1,182	6,639	3,566	4,642	3,290	8,859
Other staff	82,755	4,955	19,688	11,130	14,566	9,101	23,315
Income, in thousands							
Total operating income	$6,737,820	$435,326	$1,548,994	$842,681	$1,116,459	$765,433	$2,028,927
	Percentage distribution						
Source of operating income							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Federal [3]	0.8	1.5	0.6	0.7	0.9	0.7	0.9
State	12.6	8.1	12.5	14.1	11.3	12.9	13.2
Local	77.6	70.4	77.4	76.8	80.9	79.8	76.5
Other	9.0	20.2	9.6	8.3	7.0	6.5	9.5

[1] Some data are different from other tables due to a different population base.

[2] ALA-MLS=A master's degree from a graduate library education program accredited by the American Library Association (ALA).

[3] Excludes some federal funds received through state library agencies.

NOTE: Detail may not sum to totals due to rounding. Totals may be underestimated due to nonresponse on item or legal service area. In three states (Michigan, Pennsylvania, and Texas), some public libraries reported data for fiscal year 1997. Most of West Virginia's data are for fiscal year 1997.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Public Libraries in the United States: FY 1998*. (This table was prepared June 2001.)

Table 425.—Public libraries, books and serial volumes, library visits, and reference transactions, by state: Fiscal year 1998

State	Number of public libraries	Number of books and serial volumes [1] (in thousands)	Number of books and serial volumes per capita	Library visits per capita [2]	Circulation per capita	Public library reference transactions per capita [3]
1	2	3	4	5	6	7
United States	**8,964**	**739,168**	**2.9**	**4.2**	**6.6**	**1.1**
Alabama	207	8,285	2.1	3.4	4.0	0.6
Alaska	83	2,026	3.3	4.9	6.1	0.7
Arizona	40	8,289	1.8	4.3	6.2	1.1
Arkansas	38	5,080	2.1	2.4	4.0	0.4
California	176	64,554	1.9	3.8	5.0	1.1
Colorado	111	10,501	2.7	5.3	9.2	1.4
Connecticut	194	14,413	4.4	6.2	8.5	1.3
Delaware	30	1,302	2.0	3.8	5.5	0.8
District of Columbia	1	2,951	5.7	3.4	2.7	(4)
Florida	76	26,787	1.8	3.5	4.9	1.7
Georgia	57	14,556	1.9	3.0	4.5	0.8
Hawaii	1	3,036	2.5	4.8	6.5	2.0
Idaho	103	3,299	3.2	5.4	7.8	0.8
Illinois	626	40,720	3.8	5.4	7.9	1.5
Indiana	238	22,213	4.4	5.8	10.9	1.4
Iowa	530	11,518	4.0	5.1	9.0	0.7
Kansas	316	9,855	4.7	5.4	9.7	1.3
Kentucky	116	7,507	2.1	3.1	5.5	0.5
Louisiana	65	10,372	2.4	2.9	4.3	0.8
Maine	269	5,543	5.4	5.0	7.9	0.8
Maryland	24	14,657	2.9	(4)	8.9	1.5
Massachusetts	371	29,711	4.9	(4)	7.7	(4)
Michigan [5]	379	25,622	2.8	4.1	5.5	0.9
Minnesota	134	15,024	3.2	4.6	9.1	1.2
Mississippi	48	5,524	2.0	2.6	3.3	0.4
Missouri	154	22,409	4.7	4.6	8.6	1.0
Montana	79	2,565	3.0	3.8	5.8	0.5
Nebraska	235	5,391	3.8	4.6	8.1	0.8
Nevada	23	4,046	2.3	3.4	5.0	1.1
New Hampshire	228	5,267	4.5	4.6	7.5	0.8
New Jersey	307	30,096	3.7	4.8	5.9	1.0
New Mexico	72	4,138	2.9	5.1	5.6	0.8
New York	746	77,121	4.6	6.2	7.4	1.9
North Carolina	75	14,892	2.0	3.7	5.7	1.0
North Dakota	79	2,098	3.8	4.3	7.3	0.7
Ohio	250	44,766	4.0	5.5	12.5	1.4
Oklahoma	115	5,916	2.2	4.1	5.9	0.7
Oregon	127	7,752	2.5	(4)	10.2	0.7
Pennsylvania [5]	458	25,734	2.2	3.3	4.8	0.7
Rhode Island	48	4,126	4.1	5.1	6.6	0.8
South Carolina	40	7,415	1.9	3.0	4.5	1.2
South Dakota	111	2,572	5.0	5.0	8.9	(4)
Tennessee	142	8,611	1.6	2.9	4.0	0.9
Texas [5]	522	35,737	2.0	2.9	4.3	1.0
Utah	70	5,454	2.7	5.1	9.7	(4)
Vermont	193	2,705	5.0	5.0	6.9	(4)
Virginia	90	17,327	2.6	4.5	7.6	1.1
Washington	66	14,634	2.7	(4)	9.7	(4)
West Virginia [6]	97	4,939	2.8	3.2	5.1	0.9
Wisconsin	381	17,822	3.4	5.5	9.0	1.2
Wyoming	23	2,287	4.7	5.1	7.8	1.0

[1] Some data are different from other tables due to a different population base.

[2] The total number of persons entering the library for whatever purpose during the year.

[3] A reference transaction is an information contact which involves the knowledge, use, recommendations, interpretation or instructions in the use of one or more information sources by a member of the library staff.

[4] Response rate less than 70 percent.

[5] Some public libraries reported data for fiscal year 1997.

[6] Most data are for fiscal year 1997.

NOTE: Totals may be underestimated due to nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Public Libraries in the United States: FY 1998*. (This table was prepared July 2001.)

Table 426.—Percent of workers, 18 years old and over, using computers on the job, by selected characteristics and computer activities: October 1993 and October 1997

Selected characteristics	Percent using computers at work, 1993	1997											
		Percent using computers at work	Number using computers at work, in thousands	Percent of on-the-job computer workers using specific computer applications[1]									
				Analysis/ spread-sheets	Book-keeping, invoicing, and inventory	Com-muni-ca-tions[2]	Cal-endar/ sched-ule	Data bases	Desk-top pub-lishing/ graph-ics	Program-ming	Sales and tele-marketing	Word proc-essing	Using 4 or more cat-egories
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total	**45.8**	**49.8 (0.2)**	**63,885**	**40.9**	**66.4**	**47.0**	**37.5**	**34.1**	**26.1**	**15.0**	**22.1**	**57.0**	**44.0**
Age													
18 to 24	34.4	37.1 (0.7)	6,007	28.2	70.3	35.3	28.0	23.4	18.4	11.0	23.5	43.1	30.5
25 to 29	48.3	52.5 (0.7)	7,984	41.7	69.8	46.6	38.3	35.0	25.8	16.3	23.4	58.3	45.7
30 to 39	50.7	53.3 (0.5)	18,864	44.0	67.0	49.1	39.6	35.4	28.3	16.7	24.0	58.5	46.8
40 to 49	51.3	54.9 (0.5)	18,182	43.6	65.8	48.6	39.5	36.9	27.1	15.7	20.6	58.9	46.4
50 to 59	43.9	50.7 (0.6)	10,092	39.1	62.8	49.0	37.2	33.5	26.1	13.5	19.6	58.8	43.1
60 or older	27.2	32.6 (0.9)	2,755	33.5	62.1	42.2	29.4	28.8	21.6	10.0	21.3	54.1	35.9
Educational attainment and sex													
Not high school graduate	10.0	11.9 (0.5)	1,645	18.6	68.9	23.4	22.1	17.3	10.7	8.7	19.7	30.7	20.2
High school graduate	34.2	36.4 (0.4)	15,395	28.7	72.0	34.1	29.0	23.1	16.6	10.1	21.0	41.5	30.7
Some college	50.4	53.6 (0.5)	14,172	36.5	71.6	42.6	36.0	31.3	24.1	13.7	24.0	52.7	40.6
Associate degree	58.2	60.7 (0.8)	6,580	38.9	69.8	43.7	36.0	33.0	25.5	15.1	19.7	52.7	41.2
Bachelor's degree	68.8	73.9 (0.5)	17,335	52.7	63.9	57.1	44.0	43.1	32.4	18.9	25.8	67.6	55.3
Master's degree	71.2	78.7 (0.8)	6,004	53.8	51.7	63.4	48.1	45.8	39.7	20.8	18.4	80.1	59.8
Doctor's or professional degree	66.9	74.6 (1.2)	2,754	46.6	47.5	64.9	42.0	39.0	30.3	16.2	10.5	75.2	50.2
Male	40.3	44.1 (0.3)	30,336	46.5	64.3	51.4	39.2	36.8	29.4	20.0	24.6	53.9	47.2
Not high school graduate	8.5	9.8 (0.5)	854	20.9	70.1	25.6	22.6	15.6	11.8	9.3	17.8	26.1	20.6
High school graduate	24.2	27.1 (0.5)	6,096	29.5	67.4	33.1	25.3	22.9	17.8	11.8	20.5	29.4	27.7
Some college	42.8	46.0 (0.7)	6,186	39.3	69.4	44.4	35.5	31.3	27.0	19.6	27.1	46.4	41.4
Associate degree	52.6	55.2 (1.2)	2,790	42.8	64.2	45.5	34.9	34.9	28.7	20.4	20.6	45.3	41.8
Bachelor's degree	69.8	74.3 (0.7)	9,258	60.0	64.0	62.1	47.4	46.9	35.7	24.1	30.5	66.6	60.0
Master's degree	75.4	79.8 (1.1)	3,201	63.3	56.6	70.6	54.6	50.8	41.9	27.8	23.8	80.5	67.4
Doctor's or professional degree	66.5	73.4 (1.4)	1,949	47.9	50.3	67.3	43.7	38.6	31.9	18.2	11.6	74.6	52.0
Female	52.4	56.5 (0.3)	33,549	35.8	68.3	43.1	36.0	31.6	23.1	10.5	19.9	59.8	41.0
Not high school graduate	12.5	15.4 (0.8)	791	16.0	67.7	20.9	21.6	19.1	9.4	8.0	21.7	35.6	19.8
High school graduate	45.2	46.9 (0.6)	9,299	28.3	75.0	34.7	31.5	23.3	15.9	8.9	21.4	49.4	32.6
Some college	58.6	61.5 (0.7)	7,984	34.4	73.2	41.1	36.4	31.3	21.8	9.1	21.7	57.5	40.1
Associate degree	63.7	65.4 (1.0)	3,790	36.0	73.9	42.4	36.8	31.7	23.2	11.2	19.0	58.1	40.7
Bachelor's degree	67.6	73.5 (0.7)	8,077	44.4	63.8	51.4	40.1	38.8	28.7	12.9	20.4	68.8	50.0
Master's degree	66.5	77.5 (1.1)	2,804	43.0	46.0	55.2	40.7	40.1	37.3	12.8	12.2	79.7	51.0
Doctor's or professional degree	68.2	77.6 (2.1)	805	43.7	41.0	59.1	37.8	39.9	26.4	11.4	7.9	76.8	45.9
Race/ethnicity													
White, non-Hispanic	48.7	53.8 (0.3)	51,904	42.1	67.1	47.7	38.0	34.9	27.1	15.2	23.2	57.9	45.3
Black, non-Hispanic	36.2	40.0 (0.7)	5,462	33.1	64.3	43.7	36.1	29.6	21.2	14.1	17.1	52.0	37.2
Hispanic	29.3	30.2 (0.8)	3,843	32.2	67.0	40.5	33.7	27.0	20.2	10.6	19.0	50.0	35.1
Other	43.9	49.2 (1.3)	2,675	45.8	57.4	49.5	35.8	37.8	25.0	19.3	16.2	59.4	44.7
Occupational group													
Managerial and professional specialty	67.7	74.6 (0.4)	28,427	52.4	61.0	58.6	45.2	42.6	36.3	19.1	20.6	71.7	56.0
Executive, administrative, and managerial	72.3	77.5 (0.5)	14,528	60.1	76.3	61.4	49.7	47.2	32.6	17.6	30.9	74.5	63.7
Professional specialty occupations	68.3	71.7 (0.6)	13,900	44.4	45.1	55.8	40.4	37.8	40.3	20.8	9.8	68.7	47.8
Teachers, except college and university	49.1	60.3 (1.2)	2,961	33.1	31.9	39.7	38.4	27.5	42.3	10.8	4.6	73.6	39.8
Teachers, college and university	72.5	79.9 (2.2)	759	51.5	27.1	74.6	37.3	40.2	41.3	23.9	5.4	83.5	48.9
Technical, sales, and administrative support	65.5	79.1 (0.4)	25,739	35.1	74.6	41.8	33.9	30.4	19.4	11.9	28.1	52.1	39.5
Technicians and related support	69.9	75.1 (1.1)	3,226	42.9	51.8	49.4	35.5	36.9	26.1	31.2	7.7	49.6	41.4
Sales occupations	48.8	54.8 (0.7)	8,277	38.4	83.0	43.0	34.3	31.3	21.0	10.5	57.2	46.1	44.8
Administrative support, including clerical	76.7	77.6 (0.5)	14,235	31.4	75.0	39.4	33.3	28.3	17.0	8.3	15.9	56.2	36.0
Service occupations	14.7	16.4 (0.5)	2,752	15.7	52.3	27.6	27.9	17.4	9.6	6.6	11.0	34.4	17.9
Precision production, craft, and repair	23.2	25.0 (0.6)	3,501	29.6	62.8	31.6	27.0	22.5	18.2	16.3	11.1	29.0	26.2
Operators, fabricators, and laborers	14.9	17.3 (0.5)	3,154	19.1	63.1	21.3	19.0	14.6	12.6	9.7	9.2	17.4	15.4
Farming, forestry, and fishing	8.5	9.3 (0.9)	311	40.2	79.3	22.8	27.3	33.0	11.2	10.2	19.1	33.7	33.0
Family income[3]													
Less than $20,000	25.1	26.7 (0.5)	5,915	27.6	67.8	34.0	28.7	24.0	19.4	11.7	22.2	44.9	31.4
$20,000 to $29,999	38.4	38.4 (0.6)	7,310	30.3	69.4	36.9	30.2	26.1	21.8	10.5	20.0	48.0	34.3
$30,000 to $39,999	45.7	45.8 (0.6)	8,915	35.7	67.4	42.2	33.7	29.4	23.8	12.8	20.8	50.8	38.0
$40,000 to $49,999	51.9	52.3 (0.7)	7,737	40.0	69.0	43.6	36.9	31.8	25.4	15.0	21.0	53.8	42.5
$50,000 to $74,999	60.6	59.9 (0.5)	16,966	42.7	65.8	48.6	38.9	36.1	27.2	16.5	20.6	58.4	45.5
$75,000 or more	65.9	69.7 (0.5)	17,042	51.4	63.6	58.4	44.6	42.3	30.6	17.8	25.7	68.4	54.7

[1] Individuals may be counted in more than one computer activity.

[2] Includes bulletin boards and electronic mail.

[3] Excludes persons whose income data were not available.

NOTE: Data are based on a sample survey of households and are subject to sampling and nonsampling error. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1997, unpublished data. (This table was prepared August 1998.)

Table 427.—Access to and use of home computers, by selected characteristics of students and other users: October 1997

Selected characteristics	Percent with computers at home	Number using computers at home, in thousands	Percent using computers at home	Distribution of frequency of use per week for persons using computers in home				Percent of persons whose home computer has specific capabilities [1]			
				6 or 7 days	4 or 5 days	2 or 3 days	1 day or less	CD-ROM drive	Printer	Modem	Internet
1	2	3	4	5	6	7	8	9	10	11	12
Total, all persons	**43.0 (0.2)**	**81,013**	**30.3 (0.2)**	**23.4 (0.2)**	**20.1 (0.2)**	**32.6 (0.2)**	**24.0 (0.2)**	**71.3 (0.2)**	**85.5 (0.2)**	**71.1 (0.2)**	**52.1 (0.3)**
Sex											
Male	44.3 (0.2)	41,260	31.6 (0.2)	27.1 (0.2)	20.1 (0.2)	30.6 (0.2)	22.2 (0.2)	72.1 (0.3)	85.5 (0.2)	71.7 (0.3)	52.9 (0.3)
Female	41.7 (0.2)	39,753	29.1 (0.2)	19.6 (0.2)	20.0 (0.2)	34.6 (0.2)	25.8 (0.2)	70.6 (0.3)	85.6 (0.2)	70.5 (0.3)	51.2 (0.3)
Race/ethnicity											
White, non-Hispanic	49.2 (0.2)	68,026	35.5 (0.2)	23.5 (0.2)	20.2 (0.2)	32.1 (0.2)	24.3 (0.2)	72.4 (0.3)	87.1 (0.2)	72.8 (0.3)	53.7 (0.3)
Black, non-Hispanic	22.8 (0.4)	4,943	14.7 (0.3)	20.8 (0.7)	20.5 (0.7)	37.6 (0.8)	21.2 (0.7)	58.2 (1.0)	75.2 (0.9)	57.7 (1.0)	40.3 (1.0)
Hispanic	22.2 (0.5)	4,081	13.5 (0.4)	23.3 (0.8)	17.3 (0.7)	36.4 (0.9)	23.1 (0.8)	69.1 (1.1)	78.2 (1.0)	60.8 (1.2)	44.4 (1.2)
Age											
Under 5	39.0 (0.6)	1,675	8.5 (0.3)	12.2 (0.5)	16.3 (0.5)	38.1 (0.7)	33.5 (0.7)	71.9 (0.8)	83.3 (0.7)	74.5 (0.8)	53.8 (0.9)
5 to 9	46.4 (0.6)	7,599	37.1 (0.6)	11.8 (0.4)	17.6 (0.5)	44.2 (0.6)	26.4 (0.6)	74.7 (0.7)	83.8 (0.6)	71.5 (0.8)	50.5 (0.8)
10 to 14	55.1 (0.6)	9,500	48.7 (0.6)	21.1 (0.5)	21.8 (0.5)	38.0 (0.6)	19.1 (0.5)	75.5 (0.7)	87.9 (0.5)	70.6 (0.7)	50.3 (0.8)
15 to 19	53.0 (0.6)	8,395	43.1 (0.5)	24.7 (0.5)	22.4 (0.5)	32.4 (0.6)	20.5 (0.5)	73.7 (0.7)	88.0 (0.5)	69.9 (0.7)	52.3 (0.8)
20 to 24	41.2 (0.6)	4,975	28.5 (0.6)	28.3 (0.8)	20.2 (0.7)	28.9 (0.8)	22.6 (0.7)	69.5 (1.0)	83.4 (0.8)	69.8 (1.0)	53.0 (1.1)
25 to 29	39.3 (0.6)	5,963	31.7 (0.6)	26.1 (0.7)	22.3 (0.6)	30.0 (0.7)	21.7 (0.6)	70.1 (0.9)	80.4 (0.8)	75.8 (0.9)	58.4 (1.0)
30 to 39	47.0 (0.4)	15,393	35.8 (0.4)	24.2 (0.4)	20.6 (0.4)	32.0 (0.4)	23.2 (0.4)	71.9 (0.5)	84.5 (0.4)	72.8 (0.5)	53.5 (0.6)
40 to 49	54.0 (0.4)	15,346	38.3 (0.4)	24.3 (0.4)	18.8 (0.3)	30.3 (0.4)	26.6 (0.4)	73.9 (0.5)	87.4 (0.4)	73.0 (0.5)	54.4 (0.6)
50 to 59	44.2 (0.5)	7,679	28.5 (0.5)	26.6 (0.5)	19.8 (0.5)	28.0 (0.5)	25.7 (0.5)	66.5 (0.7)	86.2 (0.5)	67.6 (0.7)	50.7 (0.8)
60 to 69	27.5 (0.6)	3,162	16.2 (0.5)	29.7 (0.8)	17.5 (0.7)	24.1 (0.8)	28.6 (0.8)	61.0 (1.2)	86.8 (0.8)	63.5 (1.1)	42.3 (1.2)
70 or older	13.2 (0.4)	1,327	5.9 (0.3)	29.4 (1.1)	17.8 (1.0)	25.4 (1.1)	27.5 (1.1)	59.0 (1.6)	86.1 (1.1)	60.4 (1.5)	38.6 (1.5)
Family income											
Less than $5,000	19.4 (0.6)	1,517	13.3 (0.5)	31.1 (1.3)	16.7 (1.1)	26.8 (1.3)	25.3 (1.3)	63.2 (1.8)	81.9 (1.4)	66.2 (1.8)	44.6 (1.8)
$5,000 to $9,999	12.1 (0.4)	1,575	8.1 (0.3)	24.8 (1.2)	19.6 (1.1)	29.4 (1.3)	26.1 (1.3)	59.6 (1.8)	81.0 (1.4)	56.7 (1.8)	40.5 (1.8)
$10,000 to $14,999	15.8 (0.4)	2,197	9.7 (0.3)	26.2 (1.1)	17.7 (0.9)	31.4 (1.1)	24.8 (1.0)	55.9 (1.5)	74.5 (1.3)	54.7 (1.5)	38.7 (1.4)
$15,000 to $19,999	18.4 (0.5)	2,084	12.0 (0.4)	25.9 (1.1)	20.4 (1.0)	29.9 (1.1)	23.8 (1.1)	60.5 (1.5)	77.8 (1.3)	60.0 (1.5)	42.7 (1.5)
$20,000 to $24,999	25.5 (0.5)	3,645	17.1 (0.4)	25.1 (0.8)	18.9 (0.7)	31.4 (0.9)	24.5 (0.8)	59.9 (1.2)	80.9 (0.9)	58.1 (1.2)	38.8 (1.2)
$25,000 to $29,999	31.4 (0.6)	4,174	21.0 (0.5)	23.3 (0.7)	19.3 (0.7)	33.3 (0.8)	24.1 (0.8)	62.2 (1.1)	77.6 (0.9)	61.0 (1.1)	42.0 (1.1)
$30,000 to $34,999	38.3 (0.6)	5,003	25.7 (0.5)	22.5 (0.7)	20.5 (0.6)	32.9 (0.7)	24.1 (0.7)	66.4 (1.0)	82.6 (0.8)	64.1 (1.0)	43.7 (1.0)
$35,000 to $39,999	43.6 (0.6)	5,367	29.1 (0.6)	22.7 (0.6)	18.5 (0.6)	34.1 (0.7)	24.7 (0.6)	65.9 (0.9)	84.3 (0.7)	66.3 (0.9)	46.1 (1.0)
$40,000 to $49,999	51.1 (0.5)	9,627	35.4 (0.5)	22.2 (0.5)	19.5 (0.4)	33.3 (0.5)	25.1 (0.5)	68.2 (0.7)	86.0 (0.5)	67.6 (0.7)	46.4 (0.7)
$50,000 to $74,999	62.3 (0.4)	21,685	44.6 (0.4)	22.1 (0.3)	20.2 (0.3)	32.5 (0.4)	25.1 (0.3)	73.9 (0.4)	87.2 (0.3)	74.3 (0.4)	53.9 (0.5)
$75,000 or more	77.6 (0.4)	24,138	58.0 (0.4)	24.1 (0.3)	21.1 (0.3)	32.8 (0.3)	22.0 (0.3)	80.9 (0.4)	89.8 (0.3)	81.1 (0.4)	64.5 (0.5)
Total, all students	**54.6 (0.3)**	**32,459**	**45.1 (0.3)**	**21.7 (0.2)**	**21.2 (0.2)**	**36.3 (0.3)**	**20.8 (0.2)**	**74.6 (0.3)**	**86.9 (0.3)**	**71.9 (0.4)**	**52.9 (0.4)**
Preprimary	45.2 (0.9)	2,493	29.6 (0.8)	10.8 (0.6)	17.7 (0.8)	41.2 (1.0)	30.3 (0.9)	74.8 (1.2)	85.4 (0.9)	73.4 (1.2)	53.5 (1.3)
1st to 8th grade	50.7 (0.5)	14,056	43.4 (0.5)	16.5 (0.4)	19.9 (0.4)	41.5 (0.5)	22.1 (0.4)	75.2 (0.6)	86.0 (0.4)	71.0 (0.6)	50.3 (0.6)
9th to 12th grade	55.7 (0.6)	7,699	48.8 (0.6)	23.9 (0.5)	22.8 (0.5)	33.6 (0.6)	19.6 (0.5)	74.6 (0.7)	88.6 (0.5)	70.2 (0.8)	51.5 (0.8)
Undergraduate	64.7 (0.7)	6,179	49.8 (0.7)	30.8 (0.7)	22.3 (0.6)	29.0 (0.7)	17.9 (0.6)	73.3 (0.9)	86.9 (0.7)	73.6 (0.9)	57.6 (1.0)
Graduate	75.3 (1.2)	2,032	67.2 (1.3)	34.1 (1.2)	25.4 (1.1)	26.9 (1.1)	13.6 (0.9)	73.6 (1.5)	89.4 (1.0)	78.9 (1.4)	65.1 (1.6)
Sex											
Male	54.8 (0.4)	16,213	45.2 (0.4)	24.4 (0.4)	21.1 (0.3)	35.1 (0.4)	19.4 (0.3)	75.5 (0.5)	86.5 (0.4)	72.3 (0.5)	53.4 (0.6)
Preprimary	46.5 (1.3)	1,308	30.3 (1.2)	13.4 (0.9)	20.1 (1.1)	37.1 (1.3)	29.4 (1.3)	74.3 (1.6)	83.3 (1.4)	72.3 (1.6)	53.6 (1.8)
1st to 8th grade	50.9 (0.6)	7,257	43.6 (0.6)	18.0 (0.5)	20.8 (0.5)	41.2 (0.7)	20.1 (0.5)	75.1 (0.8)	85.6 (0.6)	70.8 (0.8)	50.2 (0.9)
9th to 12th grade	56.1 (0.9)	3,971	49.3 (0.9)	27.3 (0.8)	21.8 (0.7)	31.4 (0.8)	19.6 (0.7)	76.4 (1.0)	88.7 (0.7)	71.9 (1.0)	53.0 (1.1)
Undergraduate	66.6 (1.0)	2,841	51.3 (1.0)	36.9 (1.1)	20.4 (0.9)	26.9 (1.0)	15.8 (0.8)	76.9 (1.3)	87.2 (1.0)	76.1 (1.3)	60.8 (1.5)
Graduate	73.8 (1.9)	834	64.1 (2.0)	40.3 (1.9)	24.5 (1.7)	25.4 (1.7)	9.8 (1.2)	74.2 (2.2)	88.3 (1.7)	77.8 (2.1)	63.7 (2.5)
Female	54.4 (0.4)	16,246	44.9 (0.4)	19.0 (0.3)	21.3 (0.3)	37.4 (0.4)	22.3 (0.4)	73.7 (0.5)	87.3 (0.4)	71.6 (0.5)	52.4 (0.6)
Preprimary	43.9 (1.3)	1,185	28.8 (1.2)	8.0 (0.8)	15.0 (1.0)	45.6 (1.4)	31.4 (1.3)	75.5 (1.7)	87.7 (1.3)	74.7 (1.7)	53.4 (1.9)
1st to 8th grade	50.5 (0.7)	6,799	43.3 (0.7)	15.0 (0.5)	18.9 (0.5)	41.7 (0.7)	24.3 (0.6)	75.3 (0.8)	86.4 (0.6)	71.3 (0.8)	50.4 (0.9)
9th to 12th grade	55.2 (0.9)	3,728	48.1 (0.9)	20.3 (0.7)	23.9 (0.8)	36.1 (0.8)	19.7 (0.7)	72.6 (1.1)	88.5 (0.8)	68.4 (1.1)	49.9 (1.2)
Undergraduate	63.1 (0.9)	3,337	48.6 (0.9)	25.7 (0.9)	23.9 (0.9)	30.7 (0.9)	19.7 (0.8)	70.4 (1.2)	86.7 (0.9)	71.7 (1.2)	55.0 (1.3)
Graduate	76.5 (1.6)	1,197	69.6 (1.7)	29.7 (1.5)	26.0 (1.4)	28.0 (1.5)	16.3 (1.2)	73.2 (1.9)	90.2 (1.3)	79.7 (1.7)	66.0 (2.1)
Race/ethnicity											
White, non-Hispanic	65.4 (0.3)	26,229	54.9 (0.4)	21.4 (0.3)	21.4 (0.3)	35.6 (0.3)	21.4 (0.3)	76.4 (0.4)	89.1 (0.3)	74.1 (0.4)	55.2 (0.4)
Preprimary	56.9 (1.1)	2,080	38.4 (1.1)	11.2 (0.7)	17.4 (0.8)	41.8 (1.1)	29.6 (1.0)	77.1 (1.3)	87.3 (1.0)	74.9 (1.3)	54.9 (1.5)
1st to 8th grade	62.0 (0.6)	11,340	54.4 (0.6)	16.0 (0.4)	20.3 (0.4)	41.1 (0.5)	22.6 (0.4)	77.2 (0.6)	88.5 (0.5)	74.0 (0.6)	53.2 (0.7)
9th to 12th grade	68.7 (0.7)	6,265	60.9 (0.7)	23.9 (0.6)	23.0 (0.6)	32.8 (0.6)	20.3 (0.5)	76.3 (0.8)	90.6 (0.5)	72.1 (0.8)	53.5 (0.9)
Undergraduate	71.3 (0.7)	4,927	55.1 (0.8)	31.1 (0.8)	22.1 (0.7)	27.9 (0.8)	18.9 (0.7)	74.6 (1.0)	89.0 (0.7)	75.4 (1.0)	59.9 (1.1)
Graduate	78.9 (1.3)	1,617	70.3 (1.5)	33.0 (1.3)	25.8 (1.2)	27.1 (1.2)	14.0 (1.0)	74.3 (1.6)	90.5 (1.1)	78.6 (1.5)	65.2 (1.8)
Black, non-Hispanic	28.2 (0.7)	2,330	21.1 (0.6)	20.3 (1.0)	21.9 (1.0)	41.1 (1.2)	16.6 (0.9)	57.8 (1.5)	75.3 (1.3)	58.6 (1.5)	39.1 (1.5)
Preprimary	17.8 (1.5)	139	9.8 (1.2)	11.3 (2.4)	19.8 (3.0)	31.0 (3.5)	37.8 (3.7)	55.5 (4.7)	80.5 (3.8)	62.0 (4.6)	43.0 (4.7)
1st to 8th grade	26.8 (0.9)	1,078	20.6 (0.8)	19.7 (1.3)	17.2 (1.3)	47.3 (1.7)	15.8 (1.2)	58.3 (2.0)	74.0 (1.8)	55.4 (2.0)	34.8 (1.9)
9th to 12th grade	26.6 (1.4)	534	21.0 (1.3)	19.9 (2.1)	27.6 (2.4)	38.4 (2.6)	14.1 (1.8)	56.2 (3.1)	73.8 (2.8)	57.5 (3.1)	39.4 (3.1)
Undergraduate	37.8 (2.0)	394	25.6 (1.8)	19.2 (2.7)	26.4 (3.0)	38.4 (3.3)	16.0 (2.5)	56.2 (4.1)	73.1 (3.6)	61.3 (4.0)	40.3 (4.0)
Graduate	63.0 (4.4)	185	56.3 (4.5)	34.4 (4.3)	24.7 (3.9)	26.5 (4.0)	14.3 (3.2)	67.0 (5.5)	87.6 (3.8)	75.6 (5.0)	61.0 (5.7)
Hispanic	27.2 (0.8)	1,944	21.1 (0.7)	22.2 (1.1)	18.7 (1.1)	41.1 (1.4)	18.0 (1.1)	72.8 (1.6)	77.9 (1.5)	60.8 (1.7)	45.2 (1.8)
Preprimary	21.2 (1.5)	134	11.2 (1.1)	9.6 (1.9)	17.3 (2.4)	43.3 (3.1)	29.9 (2.9)	65.8 (3.7)	74.7 (3.4)	67.4 (3.7)	46.0 (3.9)
1st to 8th grade	24.0 (0.8)	863	18.6 (0.7)	18.0 (1.1)	17.3 (1.1)	44.2 (1.5)	20.4 (1.2)	72.8 (1.7)	75.7 (1.6)	57.7 (1.9)	43.6 (1.9)
9th to 12th grade	25.8 (1.7)	458	21.6 (1.6)	25.0 (2.5)	19.3 (2.3)	37.1 (2.8)	18.6 (2.2)	73.2 (3.3)	81.0 (2.9)	58.0 (3.7)	41.0 (3.7)
Undergraduate	45.8 (2.6)	430	37.3 (2.5)	29.1 (2.9)	21.1 (2.6)	38.7 (3.1)	11.2 (2.0)	74.4 (3.6)	81.1 (3.2)	65.0 (3.9)	50.9 (4.1)
Graduate	(2) —	(2)	(2) —	(2) —	(2) —	(2) —	(2) —	(2) —	(2) —	(2) —	(2) —
Family income											
Less than $5,000	29.5 (1.2)	812	22.6 (1.1)	30.7 (1.7)	16.7 (1.4)	31.2 (1.7)	21.4 (1.5)	66.8 (2.3)	86.1 (1.7)	69.3 (2.2)	49.5 (2.4)
$5,000 to $9,999	20.8 (0.9)	790	15.8 (0.8)	27.0 (1.7)	18.9 (1.5)	32.7 (1.8)	21.5 (1.6)	63.6 (2.3)	81.4 (1.9)	58.7 (2.4)	43.3 (2.4)
$10,000 to $14,999	23.7 (0.9)	1,004	18.4 (0.8)	26.2 (1.6)	17.0 (1.3)	37.0 (1.7)	19.7 (1.4)	58.6 (2.1)	74.0 (1.9)	54.2 (2.2)	39.5 (2.1)
$15,000 to $19,999	27.1 (1.1)	854	20.7 (1.0)	28.6 (1.7)	21.1 (1.5)	35.7 (1.8)	14.5 (1.3)	63.9 (2.2)	77.5 (1.9)	62.0 (2.3)	45.6 (2.3)
$20,000 to $24,999	36.8 (1.0)	1,541	30.5 (1.0)	26.3 (1.3)	19.8 (1.1)	33.0 (1.3)	20.8 (1.2)	61.8 (1.8)	82.4 (1.4)	60.2 (1.8)	39.9 (1.8)
$25,000 to $29,999	44.2 (1.1)	1,649	34.6 (1.1)	21.2 (1.1)	23.0 (1.2)	35.3 (1.3)	20.5 (1.1)	62.8 (1.7)	76.6 (1.4)	60.6 (1.7)	41.5 (1.7)
$30,000 to $34,999	48.6 (1.1)	2,014	38.7 (1.0)	20.3 (1.0)	21.4 (1.0)	37.3 (1.2)	20.9 (1.0)	69.6 (1.4)	83.4 (1.2)	62.8 (1.5)	44.5 (1.5)
$35,000 to $39,999	55.5 (1.1)	2,187	44.1 (1.1)	22.8 (1.0)	18.8 (0.9)	36.4 (1.1)	22.0 (0.9)	68.9 (1.4)	86.3 (1.0)	67.2 (1.4)	45.8 (1.5)
$40,000 to $49,999	61.4 (0.9)	3,801	50.6 (0.9)	18.8 (0.7)	21.3 (0.7)	39.0 (0.9)	20.9 (0.7)	71.2 (1.0)	86.9 (0.8)	69.0 (1.1)	45.5 (1.2)
$50,000 to $74,999	73.0 (0.6)	8,577	61.7 (0.6)	19.1 (0.5)	22.0 (0.5)	36.3 (0.6)	22.6 (0.5)	78.4 (0.6)	89.6 (0.5)	75.7 (0.7)	55.2 (0.8)
$75,000 or more	86.7 (0.5)	9,231	74.2 (0.6)	22.2 (0.5)	21.9 (0.5)	36.4 (0.5)	19.6 (0.4)	85.2 (0.6)	91.6 (0.4)	82.7 (0.6)	66.7 (0.7)

—Not available.

[1] Data are for the most recently purchased computer for families with more than one computer. Percent based on persons who have a computer in their home.

[2] Sample size too small for reliable results.

NOTE: Data are based on a sample survey of households and are subject to sampling and nonsampling error. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1997, unpublished data. (This table was prepared November 1998.)

Table 428.—Percent of home computer users using specific applications, by selected characteristics: October 1997

Selected characteristics	Number of home computer users, in thousands	Percent of computer users using specific applications [1]										
		Home bookkeeping [2]	School assignments	Games	Job-related [2]	Home connection to school or work	Word processing	Data bases [2]	Graphics	Desktop publishing [2]	Spread-sheets [2]	Internet
1	2	3	4	5	6	7	8	9	10	11	12	13
Total, all persons	**81,013 (600)**	**— —**	**29.9**	**62.6**	**—**	**10.6 (0.2)**	**60.9**	**—**	**23.4**	**—**	**—**	**44.9 (0.3)**
Total, all persons over 15	**53,845 (461)**	**45.2 (0.4)**	**16.0**	**53.2**	**35.5**	**14.6 (0.3)**	**70.6**	**26.7**	**26.0**	**17.9**	**29.4**	**52.4 (0.4)**
Sex												
Male	41,260 (413)	32.4 (0.4)	28.5	66.4	26.8	12.9 (0.3)	57.0	21.0	24.0	12.4	23.1	48.4 (0.4)
Female	39,753 (304)	28.8 (0.4)	31.3	58.5	21.8	8.3 (0.2)	64.9	16.4	22.8	13.2	17.8	41.3 (0.4)
Race/ethnicity												
White, non-Hispanic	68,026 (330)	31.5 (0.3)	28.9	62.9	24.8	10.9 (0.2)	61.7	19.3	24.0	13.2	21.1	46.1 (0.3)
Black, non-Hispanic	4,943 (108)	28.1 (1.1)	32.9	62.5	22.5	8.8 (0.7)	55.6	15.2	20.5	11.0	17.9	34.3 (1.2)
Hispanic	4,081 (93)	24.3 (1.3)	34.6	59.6	19.9	7.5 (0.8)	55.8	14.3	20.1	10.4	14.6	38.1 (1.5)
Other	3,963 —	24.3 (1.3)	38.3	59.1	22.4	11.7 (1.0)	59.1	17.7	21.3	10.0	19.4	44.2 (1.6)
Age												
Under 15	18,774 (222)	— —	49.0	87.0	—	1.2 (0.1)	31.5	—	17.2	—	—	22.8 (0.5)
15 to 19	8,395 (153)	5.6 (0.4)	75.9	67.7	7.1	6.1 (0.5)	64.2	9.3	20.9	8.9	9.4	46.1 (0.9)
20 to 24	4,975 (119)	24.0 (1.0)	51.3	60.9	16.4	16.3 (0.9)	70.9	19.0	22.6	12.1	21.6	55.9 (1.2)
25 to 29	5,963 (130)	44.3 (1.1)	23.4	58.5	34.8	17.9 (0.9)	71.5	26.3	25.1	19.8	30.5	59.0 (1.1)
30 to 39	15,393 (203)	48.3 (0.7)	13.3	58.3	39.2	15.8 (0.5)	68.7	27.0	27.7	19.3	31.1	53.2 (0.7)
40 to 49	15,346 (203)	46.5 (0.7)	12.2	50.4	39.2	14.9 (0.5)	71.4	28.0	27.3	18.9	30.8	52.8 (0.7)
50 to 59	7,679 (147)	48.2 (1.0)	8.3	43.7	41.2	13.5 (0.7)	73.4	30.3	25.8	18.0	30.7	50.0 (1.0)
60 to 69	3,162 (96)	51.3 (1.5)	3.5	47.9	25.1	5.8 (0.7)	69.9	25.1	22.4	15.1	25.7	42.3 (1.5)
70 or older	1,327 (62)	44.5 (2.4)	2.1	43.0	17.3	4.4 (1.0)	63.8	22.4	17.1	9.2	20.2	35.3 (2.3)
Family income												
Under $20,000	7,374 (144)	25.8 (0.9)	34.2	61.8	16.2	9.3 (0.6)	58.0	15.3	21.8	9.9	17.4	38.9 (1.0)
$20,000 to $29,999	7,819 (148)	29.3 (0.9)	30.8	66.4	18.7	6.7 (0.5)	57.2	15.6	22.4	12.4	16.6	37.6 (0.9)
$30,000 to $39,999	10,370 (169)	30.2 (0.8)	29.4	64.5	20.4	7.6 (0.5)	55.3	17.5	23.2	12.0	17.4	38.7 (0.8)
$40,000 to $49,999	9,627 (164)	29.3 (0.8)	28.3	66.3	20.4	8.1 (0.5)	55.5	16.6	23.9	12.1	18.0	38.6 (0.9)
$50,000 to $74,999	21,685 (236)	30.4 (0.5)	29.9	63.6	24.6	10.4 (0.4)	61.7	18.6	24.0	13.2	20.7	45.6 (0.6)
$75,000 or more	24,138 (247)	33.4 (0.5)	29.1	58.2	31.7	14.9 (0.4)	66.8	22.2	23.7	14.1	25.0	53.6 (0.6)

—Not available.

[1] Individuals may be counted in more than one computer activity.

[2] Data are for persons 15 years old and over.

NOTE: Data are based on a sample survey of households and are subject to sampling and nonsampling error. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1997, unpublished data. (This table was prepared October 1998.)

Table 429.—Percent of student home computer users using specific applications, by selected characteristics: October 1997

Selected characteristics	Number of home computer users, in thousands	Percent of computer users using specific applications [1]										
		Home bookkeeping [2]	School assignments	Games	Job-related [2]	Home connection to school or work	Word processing	Data bases [2]	Graphics	Desktop publishing [2]	Spread-sheets [2]	Internet
1	2	3	4	5	6	7	8	9	10	11	12	13
Total, all students	**32,459 (310)**	—	**65.9 (0.4)**	**78.0**	—	**7.4 (0.2)**	**52.5**	—	**21.4**	—	—	**36.3 (0.4)**
Preprimary	2,493 (83)	—	5.2 (0.7)	89.5	—	0.4 (0.2)	4.6	0.0	10.8	—	—	4.4 (0.7)
1st to 8th grade	14,056 (205)	—	58.3 (0.7)	93.0	—	1.3 (0.2)	36.1	0.0	19.2	—	—	25.1 (0.6)
White, non-Hispanic	11,340 (182)	—	55.6 (0.8)	89.1	—	1.2 (0.2)	35.7	0.0	19.5	—	—	26.4 (0.7)
Black, non-Hispanic	1,078 (50)	—	49.8 (2.3)	84.1	—	1.0 (0.5)	23.6	0.0	9.5	—	—	16.0 (1.7)
Hispanic	863 (37)	—	51.0 (2.1)	77.5	—	2.0 (0.6)	28.2	0.0	14.3	—	—	19.4 (1.7)
9th to 12th grade	7,699 (139)	2.9	84.8 (0.6)	76.0	5.2	3.1 (0.3)	65.9	6.1	22.3	7.0	6.5	42.2 (0.9)
White, non-Hispanic	6,265 (125)	2.8	80.4 (0.8)	72.5	4.2	3.1 (0.3)	64.3	6.0	22.2	7.1	6.3	43.6 (1.0)
Black, non-Hispanic	534 (38)	1.7	74.3 (3.1)	69.7	9.9	1.4 (0.8)	47.2	2.4	15.3	4.0	2.2	27.6 (3.2)
Hispanic	458 (37)	3.1	73.0 (3.6)	64.2	4.4	2.2 (1.2)	55.2	4.1	13.4	3.9	4.5	37.3 (3.9)
Undergraduate	6,179 (124)	22.5	82.0 (0.8)	54.3	17.8	20.3 (0.8)	79.7	0.0	25.4	14.3	24.6	57.9 (1.0)
Graduate	2,032 (70)	38.1	73.4 (1.5)	44.3	43.4	32.0 (1.6)	88.0	0.0	32.9	25.5	36.6	65.9 (1.6)
Males	16,213 (208)	7.2	62.5 (0.6)	79.9	7.2	7.7 (0.3)	47.0	0.0	20.3	5.4	8.9	37.3 (0.6)
Preprimary	1,308 (60)	—	5.5 (1.0)	90.3	—	0.8 (0.4)	3.8	0.0	11.2	—	—	5.9 (1.1)
1st to 8th grade	7,257 (144)	—	54.8 (1.0)	89.8	—	1.4 (0.2)	31.3	0.0	16.3	—	—	25.0 (0.8)
9th to 12th grade	3,971 (98)	3.0	78.6 (1.0)	78.8	5.5	3.4 (0.4)	58.9	0.0	21.9	6.6	6.7	44.5 (1.2)
Undergraduate	2,841 (83)	23.5	82.7 (1.1)	59.8	18.8	23.7 (1.2)	78.8	0.0	28.5	13.8	28.4	63.6 (1.4)
Graduate	834 (45)	44.2	73.7 (2.3)	50.4	48.1	39.0 (2.6)	85.9	0.0	34.5	26.0	43.0	68.8 (2.5)
Females	16,246 (208)	7.5	64.3 (0.6)	70.2	7.4	6.6 (0.3)	54.1	0.0	20.8	6.4	8.0	35.4 (0.6)
Preprimary	1,185 (57)	—	4.9 (1.0)	88.6	—	0.0 0.0	5.3	0.0	10.4	—	—	2.7 (0.8)
1st to 8th grade	6,799 (139)	—	55.4 (1.0)	85.9	—	1.1 (0.2)	37.0	0.0	20.0	—	—	25.1 (0.9)
9th to 12th grade	3,728 (95)	2.5	81.3 (1.0)	64.0	4.1	2.5 (0.4)	65.5	0.0	20.0	6.5	5.5	39.7 (1.2)
Undergraduate	3,337 (90)	21.6	81.5 (1.0)	49.5	17.0	17.4 (1.0)	80.6	0.0	22.7	14.7	21.3	53.1 (1.3)
Graduate	1,197 (54)	33.9	73.2 (2.0)	40.0	40.2	27.0 (2.0)	89.4	0.0	31.8	25.2	32.2	63.8 (2.1)

—Not available.

[1] Individuals may be counted in more than one computer activity.

[2] Data are for persons 15 years old and over.

NOTE: Data are based on a sample survey of households and are subject to sampling and nonsampling error. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1997, unpublished data. (This table was prepared October 1998.)

Table 430.—Student use of computers, by level of instruction and selected characteristics: 1984 to 1997

Student and school characteristics	October, 1984 total	October 1989, total	October 1993						October 1997					
			Total	Pre-kinder-garten and kinder-garten	Grades 1 to 8	Grades 9 to 12	1st to 4th year of college	5th or later year of college	Total	Pre-kinder-garten and kinder-garten	Grades 1 to 8	Grades 9 to 12	1st to 4th year of college	5th or later year of college
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Percent of students using computers at school													
Total	**27.3**	**42.7**	**59.0**	**26.2**	**68.9**	**58.2**	**55.2**	**52.1**	**68.8**	**36.5**	**79.3 (0.4)**	**70.5 (0.6)**	**64.7**	**55.5**
Sex														
Male	29.0	43.5	59.4	25.9	69.5	56.5	57.5	56.7	70.1	37.1	79.5 (0.5)	71.3 (0.8)	67.8	59.9
Female	25.5	41.9	58.7	26.5	68.4	60.0	53.3	47.8	67.6	35.7	79.0 (0.5)	69.6 (0.8)	62.2	52.1
Race/ethnicity														
White, non-Hispanic	30.0	45.7	61.6	29.4	73.7	59.9	54.9	49.8	71.1	38.7	84.0 (0.4)	71.9 (0.7)	64.3	53.8
Black, non-Hispanic	16.8	32.6	51.5	16.5	56.5	54.5	56.9	57.9	66.3	33.5	71.6 (0.9)	72.9 (1.4)	69.2	55.8
Hispanic	18.6	34.9	52.3	19.2	58.4	54.1	51.9	53.7	61.5	31.0	68.3 (0.9)	63.1 (1.8)	63.3	54.7
Other	28.6	42.7	59.0	23.5	65.7	57.3	60.9	69.4	65.3	32.7	74.9 (1.3)	63.6 (2.9)	63.1	68.9
Household income														
Less than $5,000	18.7	36.7	51.2	19.6	55.0	50.6	61.7	66.7	62.1	25.4	69.6 (1.9)	67.9 (2.9)	61.1	74.1
$5,000 to $9,999	21.0	36.1	53.3	24.4	60.3	51.9	53.9	56.2	63.5	35.1	70.1 (1.6)	61.6 (2.4)	69.8	74.8
$10,000 to $14,999	22.4	38.4	56.4	20.1	64.7	56.7	50.7	76.1	66.2	33.3	74.1 (1.4)	68.2 (2.1)	64.1	70.5
$15,000 to $19,999	25.9	41.5	58.1	23.8	67.5	57.4	51.2	58.5	65.9	33.0	74.9 (1.6)	66.7 (2.4)	62.1	69.4
$20,000 to $24,999	26.7	42.4	56.4	23.7	64.3	53.0	57.4	52.4	66.9	34.2	74.9 (1.5)	69.2 (2.0)	64.0	65.8
$25,000 to $29,999	30.5	46.1	60.0	28.0	70.1	60.3	51.5	58.0	68.5	38.9	77.7 (1.5)	72.0 (2.2)	63.1	53.7
$30,000 to $34,999	30.5	44.2	59.1	23.7	69.6	59.7	51.7	45.3	67.6	34.6	79.9 (1.3)	70.4 (2.1)	55.2	47.7
$35,000 to $39,999	32.3	45.2	60.7	27.1	72.1	61.7	49.2	47.9	69.0	34.6	79.9 (1.4)	70.1 (2.2)	61.5	55.2
$40,000 to $49,999	32.8	44.7	59.3	28.5	70.3	57.2	53.9	48.6	70.5	34.7	81.6 (1.1)	74.1 (1.6)	63.3	52.0
$50,000 to $74,999	35.5	47.0	62.6	28.6	75.6	61.5	57.4	44.2	71.7	39.3	84.0 (0.8)	72.8 (1.2)	67.2	48.5
$75,000 or more	36.0	51.2	64.6	33.5	78.7	62.5	60.9	47.7	72.1	43.2	85.7 (0.8)	71.6 (1.3)	68.1	50.1
Control of school														
Public	27.4	43.3	60.2	30.1	68.6	58.1	53.9	54.1	70.2	40.1	79.0 (0.4)	70.5 (0.6)	63.4	56.7
Private	26.5	38.9	52.1	18.7	72.5	60.7	60.7	48.0	60.7	29.6	82.1 (1.1)	69.6 (2.1)	70.4	53.0
	Percent of students using computers at home													
Total	**11.5**	**18.8**	**27.0**	**15.6**	**24.7**	**28.7**	**32.8**	**52.6**	**45.1**	**29.6**	**43.4 (0.5)**	**48.8 (0.6)**	**49.8**	**67.2**
Sex														
Male	14.0	20.7	27.4	15.1	24.8	28.2	36.6	56.1	45.2	30.3	43.6 (0.6)	49.3 (0.9)	51.3	64.1
Female	9.0	17.0	26.6	16.1	24.6	29.2	29.7	49.5	44.9	28.8	43.3 (0.7)	48.1 (0.9)	48.6	69.6
Race/ethnicity														
White, non-Hispanic	13.7	22.7	32.8	19.4	31.4	35.9	36.0	53.6	54.9	38.4	54.4 (0.6)	60.9 (0.7)	55.1	70.3
Black, non-Hispanic	4.9	7.3	10.9	4.2	9.0	10.4	19.4	48.1	21.1	9.8	20.6 (0.8)	21.0 (1.3)	25.6	56.3
Hispanic	3.6	7.5	10.4	5.7	7.5	9.8	22.0	52.2	21.1	11.2	18.6 (0.7)	21.6 (1.6)	37.3	56.1
Other	9.0	18.8	28.7	17.0	23.2	37.0	33.0	47.1	49.1	34.1	46.9 (1.5)	51.8 (3.0)	55.2	59.1
Household income														
Less than $5,000	2.9	8.4	9.7	1.1	4.1	6.8	25.6	45.2	22.6	4.7	17.4 (1.6)	17.3 (2.3)	40.8	57.1
$5,000 to $9,999	3.2	5.4	8.0	0.9	4.5	5.3	21.3	45.6	15.8	7.6	9.9 (1.0)	9.1 (1.4)	41.0	55.4
$10,000 to $14,999	5.0	7.2	11.4	4.6	6.4	8.7	29.8	50.0	18.4	9.4	12.8 (1.1)	18.1 (1.8)	34.9	64.2
$15,000 to $19,999	7.5	11.3	15.1	6.9	10.9	14.1	28.9	43.0	20.7	9.4	16.4 (1.4)	20.6 (2.1)	35.1	74.8
$20,000 to $24,999	9.9	12.9	16.8	7.4	13.1	17.9	27.7	49.6	30.5	14.5	26.1 (1.5)	31.7 (2.0)	44.1	61.3
$25,000 to $29,999	12.8	17.0	21.1	12.3	19.3	22.0	26.1	47.0	34.6	20.9	32.2 (1.6)	37.9 (2.3)	42.8	53.4
$30,000 to $34,999	15.8	17.7	24.1	18.7	20.5	29.1	26.4	44.4	38.7	22.7	36.4 (1.6)	42.3 (2.3)	45.8	65.4
$35,000 to $39,999	19.4	21.4	27.1	13.0	26.3	28.1	32.7	52.7	44.1	28.1	44.5 (1.7)	45.9 (2.4)	47.0	67.4
$40,000 to $49,999	20.4	25.7	32.2	21.6	32.9	33.9	32.5	45.9	50.6	37.3	51.0 (1.4)	56.2 (1.9)	51.1	54.1
$50,000 to $74,999	24.2	31.6	43.0	25.5	45.3	46.4	40.1	58.2	61.7	44.3	64.2 (1.0)	67.3 (1.3)	56.3	73.2
$75,000 or more	22.1	43.8	56.1	38.2	62.3	61.0	47.0	64.7	74.2	58.5	80.3 (0.9)	80.7 (1.1)	62.8	76.1
Control of school														
Public	11.2	17.9	25.3	12.1	23.0	27.2	31.9	50.0	43.2	24.0	41.2 (0.5)	46.9 (0.6)	49.7	66.1
Private	13.8	24.4	37.4	22.4	41.5	47.2	36.9	57.7	56.1	40.2	65.0 (1.4)	72.8 (2.0)	50.3	69.5
	Percent of students using computers at home for school work													
Total	**4.6**	**8.9**	**14.9**	**0.6**	**10.8**	**20.9**	**23.1**	**36.6**	**28.6**	**1.5**	**23.9 (0.4)**	**39.0 (0.6)**	**40.8**	**49.3**
Sex														
Male	5.9	9.5	14.8	0.9	10.1	20.5	26.3	40.3	28.3	1.7	23.8 (0.5)	38.8 (0.8)	42.4	47.2
Female	3.3	8.3	15.0	0.4	11.5	21.4	20.5	33.2	28.9	1.4	24.0 (0.6)	39.1 (0.9)	39.6	50.9
Race														
White, non-Hispanic	5.4	10.7	18.2	0.8	13.8	26.5	25.7	37.8	35.0	1.7	30.2 (0.5)	49.0 (0.8)	45.9	51.3
Black, non-Hispanic	2.3	3.4	5.7	—	4.0	6.9	11.5	30.1	12.5	1.5	10.3 (0.6)	15.6 (1.2)	19.2	39.8
Hispanic	1.4	3.6	5.6	—	2.9	6.7	15.9	36.8	12.5	0.7	9.5 (0.5)	15.8 (1.4)	27.6	46.2
Other	3.8	9.1	16.0	1.1	9.3	27.0	23.7	29.2	33.6	1.9	28.2 (1.4)	44.9 (3.0)	45.2	45.8
Household income														
Less than $5,000	1.0	5.0	6.7	—	2.5	4.0	18.7	36.0	15.1	—	8.8 (1.2)	11.7 (2.0)	31.6	53.7
$5,000 to $9,999	1.5	3.2	4.8	—	1.1	3.6	16.1	35.5	10.4	1.1	3.9 (0.7)	7.3 (1.3)	35.3	44.8
$10,000 to $14,999	1.9	3.5	7.3	—	2.6	5.6	25.9	34.6	11.4	0.8	5.3 (0.7)	13.5 (1.6)	28.9	50.1
$15,000 to $19,999	3.0	4.5	8.6	0.4	4.7	10.8	18.7	31.0	13.2	1.0	8.4 (1.0)	13.2 (1.7)	31.0	63.3
$20,000 to $24,999	3.1	5.7	9.8	0.7	5.1	12.6	22.9	35.0	19.4	1.7	12.5 (1.2)	25.4 (1.9)	35.2	44.6
$25,000 to $29,999	5.1	6.4	10.4	1.1	6.3	13.4	19.5	34.9	21.9	2.1	18.6 (1.4)	27.5 (2.2)	34.4	40.8
$30,000 to $34,999	4.9	8.0	13.0	0.8	8.1	21.9	18.0	35.1	24.4	0.8	19.0 (1.3)	33.2 (2.2)	38.7	48.9
$35,000 to $39,999	7.1	10.5	15.4	0.8	12.4	21.0	22.6	37.2	26.5	0.4	22.3 (1.4)	35.5 (2.3)	38.7	55.7
$40,000 to $49,999	9.2	11.9	17.1	1.1	14.7	24.2	22.2	32.1	30.1	2.9	26.7 (1.2)	45.5 (1.9)	38.9	36.8
$50,000 to $74,999	11.5	15.2	23.2	1.0	19.7	35.0	27.0	38.2	39.3	1.2	36.1 (1.0)	54.9 (1.4)	46.9	53.1
$75,000 or more	9.8	22.0	30.4	0.8	29.4	45.2	30.6	41.5	48.3	2.8	48.5 (1.2)	66.4 (1.4)	51.5	50.4
Control of school														
Public	4.5	8.5	14.2	0.5	10.1	19.8	22.7	34.7	27.9	1.5	22.5 (0.4)	37.1 (0.6)	40.6	48.7
Private	5.4	11.4	18.8	1.0	17.8	35.4	24.8	40.1	32.6	1.6	37.7 (1.4)	62.0 (2.3)	42.0	50.6

—Not available.

NOTE: Data are based on a sample survey of households and are subject to sampling and nonsampling error. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1984, 1989, 1993, and 1997, unpublished data. (This table was prepared September 1998.)

Guide to Tabular Presentation

This section is intended to assist the reader in following the basic structure of the *Digest* tables and to provide a legend for some of the common symbols and indexes used throughout the book. Unless otherwise noted, all data are for the 50 states and the District of Columbia.

Table Components

Title Describes the table content concisely.

Unit Indicator Informs the reader of the measurement united in the table—"In thousands," "In millions of dollars," etc. Noted below the title unless several units are used, in which case the unit indicators are generally given in the spanner or individual column heads.

Spanner Describes a group of two or more columns.

Column head Describes specific column.

Stub Describes a row or a group of rows. Each stub is followed by a number of dots (leaders) or by a semicolon if no data appears in the data fields.

Field The area of the table which contains the data elements.

Rules in the field

Single horizontal rules indicate

- that the data below the line add to the figure immediately above the line, or
- in the case of derived figures (e.g., percents, medians) that the datum above the line represents a cumulative figure.

Double horizontal rules demarcate groups of related rows.

Single vertical rules delineate columns.

Double vertical rules divide the table into sections with unique stubs.

Example of Table Structure

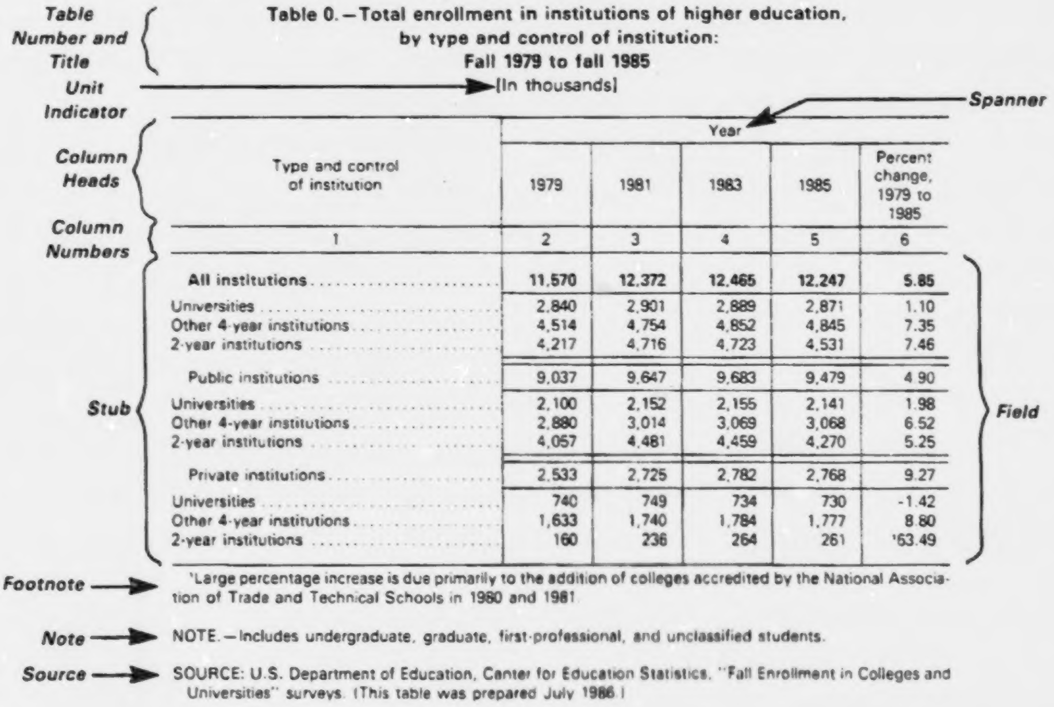
Table Number and Title
Unit Indicator
Spanner
Column Heads
Column Numbers
Stub
Field
Footnote
Note
Source

Table 0.—Total enrollment in institutions of higher education, by type and control of institution: Fall 1979 to fall 1985

[In thousands]

Type and control of institution	Year 1979	1981	1983	1985	Percent change, 1979 to 1985
1	2	3	4	5	6
All institutions	**11,570**	**12,372**	**12,465**	**12,247**	**5.85**
Universities	2,840	2,901	2,889	2,871	1.10
Other 4-year institutions	4,514	4,754	4,852	4,845	7.35
2-year institutions	4,217	4,716	4,723	4,531	7.46
Public institutions	9,037	9,647	9,683	9,479	4.90
Universities	2,100	2,152	2,155	2,141	1.98
Other 4-year institutions	2,880	3,014	3,069	3,068	6.52
2-year institutions	4,057	4,481	4,459	4,270	5.25
Private institutions	2,533	2,725	2,782	2,768	9.27
Universities	740	749	734	730	-1.42
Other 4-year institutions	1,633	1,740	1,784	1,777	8.80
2-year institutions	160	236	264	261	[1]63.49

[1] Large percentage increase is due primarily to the addition of colleges accredited by the National Association of Trade and Technical Schools in 1980 and 1981.

NOTE.—Includes undergraduate, graduate, first-professional, and unclassified students.

SOURCE: U.S. Department of Education, Center for Education Statistics, "Fall Enrollment in Colleges and Universities" surveys. (This table was prepared July 1986.)

Footnote Describes a unique circumstance relating to a specific item within the table. Usually listed below the bottom rule of the table.

Note Furnishes general information that relates to the entire table.

Source The document or reference from which the data are drawn. This note may also include the organizational unit responsible for preparing the data.

Descriptive Terms

Average A number that is used to represent the "typical value" of a group of numbers. It is regarded as a measure of "location" or "central tendency" of a group of numbers.

Arithmetic mean is the most commonly used average. It is derived by summing the individual item values of a particular group and dividing that sum by the number of items. This value is often referred to simply as the "mean" or "average."

Median is the measure of central tendency that occupies the middle position in a rank order of values. It generally has the same number of items above it as below it. If there is an even number of items in the group, the median is the average of the middle two items.

Per capita, or per person, figure represents an average computed for every person in a specified group, or population. It is derived by dividing the total for an item (such as income or expenditures) by the number of persons in the specified population.

Index number A value that provides a means of measuring, summarizing, and communicating the nature of changes that occur from time to time or from place to place. An index is used to express changes in prices over periods of time, but may also be used to express differences between related subjects at a single point in time.

The *Digest* most often uses the Consumer Price Index to compare purchasing power over time.

To compute a price index, a base year or period is selected. The base year price is then designated as the base or reference price to which the prices for other years or periods are related.

A method of expressing the price relationship is:

$$\text{Index number} = \frac{\text{Price of a set of one or more items for related year}}{\text{Price of the same set of items for base year}} \times 100$$

When 100 is subtracted from the index number, the result equals the percent change in price from the base year.

Current and constant dollars are used in a number of tables to express finance data. Unless otherwise noted, all figures are in current dollars, not adjusted for inflation. Constant dollars provide a measure of the impact of inflation on the current dollars.

Current dollar figures reflect actual prices or costs prevailing during the specified year(s).

Constant dollar figures attempt to remove the effects of price changes (inflation) from statistical series reported in dollar terms.

The constant dollar value for an item is derived by dividing the base year price index (for example, the Consumer Price Index for 1999) by the price index for the year of data to be adjusted and multiplying by the item to be adjusted. The result is an adjusted dollar value as it would presumably exist if prices were the same as the base year—in other words, as if the dollar had constant purchasing power. Any changes in the constant dollar amounts would reflect only changes in the real values.

NOTE: Tables may not include data for all years implied in table titles.

Guide to Sources

Sources and Comparability of Data

The information presented in this report was obtained from many sources, including federal and state agencies, private research organizations, and professional associations. The data were collected using many research methods, including surveys of a universe (such as all colleges) or of a sample, compilations of administrative records, and statistical projections. *Digest* users should take particular care when comparing data from different sources. Differences in procedures, timing, phrasing of questions, interviewer training, and so forth mean that the results from the different sources may not be strictly comparable. Following the general discussion of data accuracy below, descriptions of the information sources and data collection methods are presented, grouped by sponsoring organization. More extensive documentation of a particular survey's procedures does not imply more problems with the data, only that more information is available.

Accuracy of Data

The accuracy of any statistic is determined by the joint effects of "sampling" and "nonsampling" errors. Estimates based on a sample will differ somewhat from the figures that would have been obtained if a complete census had been taken using the same survey instruments, instructions, and procedures. In addition to such sampling errors, all surveys, both universe and sample, are subject to design, reporting, and processing errors and errors due to nonresponse. To the extent possible, these nonsampling errors are kept to a minimum by methods built into the survey procedures. In general, however, the effects of nonsampling errors are more difficult to gauge than those produced by sampling variability.

Sampling Errors

The samples used in surveys are selected from a large number of possible samples of the same size that could have been selected using the same sample design. Estimates derived from the different samples would differ from each other. The difference between a sample estimate and the average of all possible samples is called the sampling deviation. The standard or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples and, thus, is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples.

The sample estimate and an estimate of its standard error permit us to construct interval estimates with prescribed confidence that the interval includes the average result of all possible samples. If all possible samples were selected under essentially the same conditions and an estimate and its estimated standard error were calculated from each sample, then: (1) approximately 66.7 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples; and (2) approximately 95.0 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average value of all possible samples. We call an interval from two standard errors below the estimate to two standard errors above the estimate a 95 percent confidence interval.

To illustrate this concept, consider the data and standard errors appearing on table 108. For the 2000 estimate that 10.9 percent of 16- to 24-year-olds were high school dropouts, the table shows that the standard error is 0.3 percent. Therefore, we can create a 95 percent confidence interval which is approximately 10.3 to 11.5 (10.9 percent ± 2 times 0.3 percent).

Analysis of standard errors can help assess how valid a comparison between two estimates might be. The **standard error of a difference** between two independent sample estimates is equal to the square root of the sum of the squared standard errors of the estimates. The standard error (se) of the difference between independent sample estimates "a" and "b" is:

$$se_{a,b} = (se_a^2 + se_b^2)^{1/2}$$

It should be noted that most of the standard error estimates presented in subsequent sections and in the original documents are approximations. That is, to derive estimates of standard errors that would be applicable to a wide variety of items and could be prepared at a moderate cost, a number of approximations were required. As a result, the standard error estimates provide a general order of magnitude rather than the exact standard error for any specific item. The preceding discussion on sampling variability was directed toward a situation concerning one or two estimates. Determining the accuracy of statistical projections is more difficult. In general, the further away the projection date is from the date of the actual data being used for the projection, the greater the probable error in the projections. If, for instance, annual data from 1970 to 1999 are being used to project enrollment in institutions of higher education, the further beyond 1999 one projects, the more variability in the projection. One will be less sure of the 2011 enrollment projection than of the 2000 projection. A detailed discussion of the projections methodology is contained in *Projections of Education Statistics to 2011* (National Center for Education Statistics, 2001).

Nonsampling Errors

Universe and sample surveys are subject to nonsampling errors. Nonsampling errors may arise when respondents or interviewers interpret questions differently, when respondents must estimate values, or when coders, keyers, and other processors handle answers differently, when persons who should be included in the universe are not, or when persons fail to respond (completely or partially). Nonsampling errors usually, but not always, result in an understatement of total survey error and thus an overstatement of the precision of survey estimates. Since estimating the magnitude of nonsampling errors often would require special experiments or access to independent data, these nonsampling errors are seldom available.

To compensate for nonresponse, adjustments of the sample estimates are often made. An adjustment made for either type of nonresponse, total or partial, is often referred to as an imputation, which is often a substitution of the "average" questionnaire response for the nonresponse. Imputations are usually made separately within various groups of sample members which have similar survey characteristics. Imputation for item nonresponse is usually made by substituting for a missing item, the response to that item of a respondent having characteristics that are similar to those of the nonrespondent.

Although the magnitude of nonsampling error in the data compiled in this *Digest* is frequently unknown, idiosyncrasies that have been identified are noted on the appropriate tables.

Department of Education

National Center for Education Statistics (NCES)

Baccalaureate and Beyond Longitudinal Study

The Baccalaureate and Beyond Longitudinal Study (B&B) is based on the National Postsecondary Student Aid Study (NPSAS) and provides information concerning education and work experience after completing the bachelor's degree. B&B provides cross-sectional information 1 year after bachelor's degree completion (comparable to the Recent College Graduates study), while at the same time providing longitudinal data concerning entry into and progress through graduate level education and the workforce. It also provides information on entry into, persistence and progress through, and completion of graduate level education. This information is difficult to gather through followups involving high school cohorts or even college entry cohorts, both of which are restricted in the number who actually complete a bachelor's degree and continue their education.

B&B will follow NPSAS baccalaureate degree completers for a 12-year period after completion, beginning with NPSAS:93. About 11,000 students who completed their degrees in the 1992–93 academic year were included in the first B&B (B&B:93/94). In addition to the student data, B&B collected postsecondary transcripts covering the undergraduate period, providing complete information on progress and persistence at both the undergraduate and graduate levels. The second B&B followup took place in spring 1997 (B&B:93/97), and gathered information on employment history, family formation, and enrollment in graduate programs. New B&B cohorts will alternate with BPS in using NPSAS as their base.

Further information on B&B may be obtained from:

Paula R. Knepper
Postsecondary Studies Division
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Paula.Knepper@ed.gov
http://nces.ed.gov/surveys/b&b/

Beginning Postsecondary Students Longitudinal Study

The Beginning Postsecondary Students Longitudinal Study (BPS) provides information on persistence, progress, and attainment from initial time of entry into postsecondary education through leaving and entering the workforce. BPS includes traditional and nontraditional (e.g., older) students and is representative of all beginning students in postsecondary education. BPS follows first-time, beginning students for at least 5 years at approximately 2-year intervals, collecting student data, and financial aid reports. By starting with a cohort that has already entered postsecondary education, and following it for 5 years, BPS will be able to determine to what extent, students who start postsecondary education at various ages differ in their progress, persistence, and attainment. The first BPS study was conducted in 1989–90, with follow up surveys in 1992 and 1994. The second BPS cohort of students began with a survey in 1995–96 and a follow-up in 1998.

Further information on BPS may be obtained from:

Aurora M. D'Amico
Postsecondary Coop System, Analysis, and
Dissemination (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Aurora.D'Amico@ed.gov or
http://nces.ed.gov/surveys/bps/

Common Core of Data

NCES uses the Common Core of Data (CCD) survey to acquire and maintain statistical data from each of the 50 states, the District of Columbia, the Bureau of Indian Affairs, Department of Defense Dependents' Schools (overseas and domestic) and the outlying areas. Information about staff and students is collected annually at the school, local education agency or school district (LEA), and state levels. Information about revenues and expenditures is also collected at the state and LEA levels.

Data are collected for a particular school year (October 1 through September 30) via survey instruments sent to the state education agencies during the school year. States have one year in which to modify the data originally submitted.

Since the CCD is a universe survey, the CCD information presented in this edition of the *Digest* is not subject to sampling errors. However, nonsampling errors could come from two sources—nonreturn and inaccurate reporting. Almost all of the states submit the six CCD survey instruments each year, but submissions are sometimes incomplete or too late for publication.

Understandably, when 58 education agencies compile and submit data for approximately 92,000 public schools and 16,000 local school districts, misreporting can occur. Typically, this results from varying interpretations of NCES definitions and differing recordkeeping systems. NCES attempts to minimize these errors by working closely with the state education agencies through the National Forum on Education Statistics.

The state education agencies report data to NCES from data collected and edited in their regular reporting cycles. NCES encourages the agencies to incorporate into their own survey systems the NCES items they do not already collect so that those items will also be available for the subsequent CCD survey. Over time, this has meant fewer missing data cells in each state's response, reducing the need to impute data.

NCES subjects data from the education agencies to a comprehensive edit. Where data are determined to be inconsistent, missing, or out of range, NCES contacts the education agencies for verification. NCES-prepared state summary forms are returned to the state education agencies for verification. States are also given an opportunity to revise their state-level aggregates from the previous survey cycle.

Further information on CCD may be obtained from:

John Sietsema
Elementary/Secondary Cooperative System and
Institutional Studies Division (ESCSISD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
John.Sietsema@ed.gov
http://nces.ed.gov/ccd/

Condition of America's Public School Facilities: 1999

This report provides national data about the condition of public schools in 1999 based on a survey conducted by the National Center for Education Statistics (NCES) using its Fast Response Survey System (FRSS). Specifically, this report provides information about the condition of school facilities and the costs to bring them into good condition; school plans for repairs, renovations, and replacements; the age of public schools; and overcrowding and practices used to address overcrowding. The results presented in this report are based on questionnaire data for 903 public elementary and secondary schools in the United States. The responses were weighted to produce national estimates that represent all regular public schools in the United States.

Further information may be obtained from:

Bernie Greene
Data Development Program (ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Bernie.Greene@ed.gov
http://nces.ed.gov/surveys/frss/

Early Childhood Longitudinal Study, Kindergarten Class of 1998–99

The Early Childhood Longitudinal Study, Kindergarten Class of 1998–99 (ECLS–K) was designed to provide detailed information on children's early school experiences. The study began in the fall 1998. A nationally representative sample of 22,782 children enrolled in 1,277 kindergarten programs during the 1998–99 school year was selected to participate in the ECLS–K. The children attended both public and private kindergartens, and full-day and part-day programs. The sample included children from different racial/ethnic and socioeconomic backgrounds, and oversamples of Asian and Pacific Island children, private kindergartens, and private kindergartners. Base year data were collected in the fall and spring of the kindergarten year and again in fall first grade (30 percent subsample) and spring first grade. The children participating in the ECLS–K will be followed longitudinally through the 5th-grade.

The ECLS–K includes a direct child cognitive assessment that is administered one-on-one with each child in the study. The assessment uses a computer-assisted personal interview (CAPI) approach and a two-stage adaptive testing methodology. The direct assessment includes three cognitive domains (reading, mathematics, and general knowledge). Children's height and weight is measured at each data collection point and a direct measure of children's psychomotor development was administered in the fall of the kindergarten year only. In addition to these measures, the ECLS–K collects information about children's social skills and academic achievement through teacher reports.

A computer-assisted telephone interview with the children's parents/guardians is conducted at each wave. Parents/guardians are asked to provide key information about their children on subjects, such as family demographics (e.g., age, family members, relation to child, race/ethnicity), family structure (household members and composition), parent involvement, home educational activities (e.g., reading to the child), child health, parental education and employment status, and child's social skills and behaviors.

Data on the schools children attend and their classrooms are collected by self-administered questionnaires completed by school administrators and classroom teachers. Administrators provide information about the school population, programs, and policies. At the classroom level, data are collected on the composition of the classroom, teaching practices, curriculum, and teacher qualifications and experience. Teachers in the ECLS–K sampled schools are asked to complete the teacher questionnaires, not just those who teach ECLS–K children.

Further information on the ECLS–K may be obtained from:

Jerry West
Early Childhood Longitudinal Study Program
(ECICSD)
National Center for Education Statistics
1990 K Street, NW
Washington, DC 20006
ecls@ed.gov
http://nces.ed.gov/ecls

Federal Support for Education

NCES prepares an annual compilation of federal funds for education. Data for U.S. Department of Education programs come from the *Budget of the United States Government*. Budget offices of other federal agencies provide information for all other federal program support except for research funds, which are obligations reported by the National Science Foundation in *Federal Funds for Research and Development*. Some data are estimated, based on reports from the federal agencies contacted and the *Budget of the United States Government.*

Except for money spent on research, outlays were used to report program funds to the extent possible. Some tables are obligations as noted in the title of the table. Some federal program funds not commonly recognized as education assistance are also included in the totals reported. For example, portions of federal funds paid to some states and counties as shared revenues resulting from the sale of timber and minerals from public lands have been estimated as funds used for education purposes. Parts of the funds received by states (in 1980) and localities (throughout the period) under the General Revenue Sharing Program are also included, as are portions of federal funds received by the District of Columbia. The share of these funds allocated to education was assumed to be equal to the share of general funds expended for elementary and secondary education by states and localities in the same year as reported by the U.S. Bureau of the Census in its annual publication, *Governmental Finances.*

All state intergovernmental expenditures for education were assumed to be earmarked for elementary/secondary education. Contributions of parent governments of dependent school systems to their public schools amounted to approximately 9 percent of local government revenues and local government revenue sharing in each year. Therefore, 9 percent of local government revenue-sharing funds were assumed allocated each fiscal year to elementary and secondary education. Parent government contributions to public school systems were obtained from *Finances of Public School Systems* published by the U.S. Bureau of the Census. The amount of state revenue-sharing funds allocated for postsecondary education in 1980 was assumed to be 13 percent, the proportion of direct state expenditures for institutions of higher education reported in *Governmental Finances* for that year.

The share of federal funds for the District of Columbia assigned to education was assumed to be equal to the share of the city's general fund expenditures for each level of education.

For the job training programs conducted by the Department of Labor, only estimated sums spent on classroom training have been reported as educational program support.

During the 1970s, The Office of Management and Budget (OMB) prepared annual reports on federal education program support. These were published in the *Budget of the United States Government [Special Analyses]*. The information presented in this report is not, however, a continuation of the OMB series. A number of differences in the two series should be noted. OMB required all federal agencies to report outlays for education-related programs using a standardized form, thereby assuring agency compliance in reporting. The scope of education programs reported here differs from OMB. Off-budget items such as the annual volume of guaranteed student loans were not included in OMB's reports. Finally, while some mention is made of an annual estimate of federal tax expenditures, OMB did not include them in its annual analysis of federal education support. Estimated federal tax expenditures for education are the difference between current federal tax receipts and what these receipts would be without existing education deductions to income allowed by federal tax provisions.

Recipients' data are estimated based on *Estimating Federal Funds for Education: A New Approach Applied to Fiscal Year 1980,* "Federal Support for Education, Fiscal Years 1980 to 1984," and *Catalog of Federal Domestic Assistance.* The recipients' data are estimated and tend to undercount institutions of higher education (IHEs), students, and local education agencies (LEAs). This is because some of the federal programs have more than one recipient receiving funds. In these cases, the recipients were put into a "mixed recipients" category, because there was no way to disaggregate the amount each recipient received.

Further information on federal support for education may be obtained from:

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Annual Reports Program (ECICSD)
National Center for Education Statistics
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Washington, DC 20006
Charlene.Hoffman@ed.gov

High School and Beyond

High School and Beyond (HS&B) is a national longitudinal survey of 1980 high school sophomores and seniors. The base-year survey was a probability sample of 1,015 high schools with a target number of 36 sophomores and 36 seniors in each of the schools. A total of 58,270 students participated in the base-year survey. Substitutions were made for nonparticipating schools—but not for students—in those strata where it was possible. Overall, 1,122 schools were selected in the original sample and 811 of these schools participated in the survey. An additional 204 schools were drawn in a replacement sample. Student refusals and absences resulted in an 82 percent completion rate for the survey.

Several small groups in the population were oversampled to allow for special study of certain types of schools and students. Students completed questionnaires and took a battery of cognitive tests. In addition, a sample of parents of sophomores and seniors (about 3,600 for each cohort) was surveyed.

HS&B first followup activities took place in the spring of 1982. The sample design of the first followup survey called for the selection of approximately 30,000 persons who were sophomores in 1980. The completion rate for sophomores eligible for on-campus survey administration was about 96 percent. About 89 percent of the students who left school between the base year and first followup surveys (dropouts, transfer students, and early graduates) completed the first followup sophomore questionnaire.

As part of the first followup survey of HS&B, transcripts were requested in fall 1982 for an 18,152 member subsample of the sophomore cohort. Of the 15,941 transcripts actually obtained, 1,969 were excluded because the students had dropped out of school before graduation, 799 were excluded because they were incomplete, and 1,057 were excluded because the student graduated before 1982 or the transcript indicated neither a dropout status nor graduation. Thus 12,116 transcripts were utilized for the overall curriculum analysis presented in this publication. All courses in each transcript were assigned a 6-digit code based on *A Classification of Secondary School Courses* (developed by Evaluation Technologies, Inc. under contract with NCES). Credits earned in each course were expressed in Carnegie units. (The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. To receive credit for a course, the student must have received a passing grade—"pass," "D," or higher.) Students who transferred from public to private schools or from private to public schools between their sophomore and senior years were eliminated from public/private analyses.

In designing the senior cohort first followup survey, one of the goals was to reduce the size of the retained sample, while still keeping sufficient numbers of minorities to allow important policy analyses. A total of 11,227 (94 percent) of the 11,995 persons subsampled completed the questionnaire. Information was obtained about the respondents' school and employment experiences, family status, and attitudes and plans.

The sample for the second followup, which took place in the spring 1984, consisted of about 12,000 members of the senior cohort and about 15,000 members of the sophomore cohort. The completion rate for the senior cohort was 91 percent, and the completion rate for the sophomore cohort was 92 percent.

HS&B third followup data collection activities were performed in spring of 1986. Both the sophomore and senior cohort samples for this round of data collection were the same as those used for the second followup survey. The completion rates for the sophomore and senior cohort samples were 91 percent and 88 percent, respectively.

Table A1 contains the maximum number of cases that are available for the tabulations of the specific classification variables used throughout this publication.

The standard error (se) of an individual percentage (p) based on HS&B data can be approximated by the formula:

$$se_p = DEFT\,[p(100-p)/n]^{1/2}$$

where n is the sample size and DEFT, the square root of the design effect, is a factor used to adjust for the particular sample design used in HS&B. Table A2 provides the DEFT factors for different HS&B samples and subsamples.

In evaluating a difference between two independent percentages, the standard error of the difference may be conservatively approximated by taking the square root of the sum of the squared standard errors of the two percentages. For example, in the 1986 followup of 1980 sophomores, 84.0 percent of the men and 77.2 percent of the women felt that being successful in work was "very important," a difference of 6.8 percentage points. Using the formula and the sample sizes from table A1 and the DEFT factors from table A2, the standard errors of the two percentages being compared are calculated to be:

$$1.43[(84.0)(16.0)/(5,391)]^{1/2} = .714$$

$$1.43[(77.2)(22.8)/(5,857)]^{1/2} = .784$$

The standard error of the difference is therefore

$$(.714^2 + .784^2)^{1/2} = (.510 + .615)^{1/2} = 1.06$$

The sampling error (95 chances in 100) of the difference is approximately double the standard error, or approximately 2.1 percentage points, and the 95 percent confidence interval for the difference is 6.8 ± 2.1, or 4.7 to 8.9 percentage points.

The standard error estimation procedure outlined above does not compensate for survey item nonresponse, which is a source of nonsampling error. (Table A1 reflects the maximum number of responses that could be tabulated by demographic characteristics.) For example, of the 10,925 respondents in the 1984 followup survey of 1980 high school graduates, 372, or 3.4 percent, did not respond to the particular question on whether they had ever used a pocket calculator. Item nonresponse varied considerably. A very low nonresponse rate of 0.1 percent was obtained for a question asking whether the respondent had attended a postsecondary institution. A much higher item nonresponse rate of 12.2 percent was obtained for a question asking if the respondent had used a micro or minicomputer in high school. Typical item nonresponse rates ranged from 3 to 4 percent.

The Hispanic analyses presented in this report relied on students' self-identification as members of one of four Hispanic subgroups: Mexican, Mexican-American, Chicano; Cuban; Puerto-Rican, Puertorriqueno, or Boricua; or other Latin American, Latino, Hispanic, or Spanish descent.

An NCES series of technical reports and data file users manuals, available electronically, provides additional information on the survey methodology.

Further information on the HS&B survey may be obtained from:

Aurora M. D'Amico
Postsecondary Coop System, Analysis, and
Dissemination (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Aurora.D'Amico@ed.gov
http://nces.ed.gov/surveys/hsb/

High School Transcript Study Tabulations

The most recent transcript study was in 1998 and was based on a survey conducted as part of the National Assessment of Educational Progress (NAEP). The 1998 study involved analysis of transcripts of approximately 25,000 high school graduates from 264 schools. The study collected information such as course lists, graduation requirements, and the definition of units of credit and grades, on a school-level basis.

Similar studies were conducted of course-taking patterns of 1982, 1987, 1990, 1992, and 1994. The 1987 data are based on approximately 22,799 transcripts from 433 schools obtained as part of the 1987 High School Transcript Study. The 1982 data are based on approximately 12,000 transcripts collected by the High School and Beyond (HS&B) survey.

Because the 1982 HS&B survey used a different method for identifying handicapped students than did the 1987 and 1990 transcript studies, and in order to make the statistical summaries as comparable as possible, all the counts and percentages in this report are restricted to students whose records indicate that they had not participated in a special education program. This restriction lowers the number of 1990 graduates represented in the tables to 20,866.

Further information on high school transcript studies may be obtained from:

Jeffrey Owings
Elementary/Secondary and Library Studies Division
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Jeffrey.Owings@ed.gov
http://nces.ed.gov/surveys/hst/

Integrated Postsecondary Education Data System

The Integrated Postsecondary Education Data System (IPEDS) surveys approximately 10,000 postsecondary institutions, including universities and colleges, as well as institutions offering technical and vocational education beyond the high school level. This survey, which began in 1986, replaced the Higher Education General Information Survey (HEGIS).

IPEDS consists of eight integrated components that obtain information on who provides postsecondary education (institutions), who participates in it and completes it (students), what programs are offered and what programs are completed, and both the human and financial resources involved in the provision of institutionally based postsecondary education. Specifically, these components include: Institutional Characteristics, including instructional activity; Fall Enrollment, including age and residence; Enrollment in Occupationally Specific Programs; Completions; Finance; Staff; Salaries of Full-Time Instructional Faculty; and Academic Libraries.

The degree-granting institutions portion of this survey is a census of colleges awarding associate or higher degrees, that were eligible to participate in Title IV financial aid programs. Prior to 1993, data from the technical and vocational institutions were collected through a sample survey. Beginning in 1993, all data are gathered in a census of all postsecondary institutions. The tabulations on "Institutional Characteristics" developed for this edition of the *Digest* are based on lists of all institutions and are not subject to sampling errors.

The definition of institutions generally thought of as offering college and university education has been changed in recent years. The old standard for higher education institutions included those institutions that had courses that led to an associate degree or higher, or were accepted for credit towards those degrees. The higher education institutions were accredited by an agency or association that was recognized by the U.S. Department of Education or recognized directly by the Secretary of Education. Tables that use only this standard are titled "higher education" in the *Digest*. The current category includes institutions which award associate or higher level degrees that are eligible to participate in Title IV federal financial aid programs. Tables that contain any data according to this standard are titled as "degree-granting" institutions. Time-series tables may contain data from both series, and they are labeled accordingly. The impact of this change has generally not been large. For example, tables on faculty salaries and benefits were only affected to a very small extent. Also, degrees awarded at the bachelor's level or higher were not heavily affected. The largest impact has been on private 2-year college enrollment. In contrast, most of the data on public 4-year colleges has been affected only to a minimal extent. The impact on enrollment in public 2-year colleges was noticeable in certain states, but relatively small at the national level. Overall, enrollment for all institutions was about one-half a percent higher for degree-granting institutions compared to the total for higher education institutions.

Prior to the establishment of IPEDS in 1986, HEGIS acquired and maintained statistical data on the characteristics and operations of institutions of higher education. Implemented in 1966, HEGIS was an annual universe survey of institutions accredited at the college level by an agency recognized by the Secretary of the U.S. Department of Education. These institutions were listed in NCES's *Education Directory, Colleges and Universities.*

HEGIS surveys solicited information concerning institutional characteristics, faculty salaries, finances, enrollment, and degrees. Since these surveys were distributed to all higher education institutions, the data presented are not subject to sampling error. However, they are subject to nonsampling error, the sources of which varied with the survey instrument. Information concerning the nonsampling error of the enrollment and degrees surveys draws extensively on the *HEGIS Post-Survey Validation Study* conducted in 1979.

Further information on IPEDS may be obtained from:

Susan Broyles
Postsecondary Institutional Studies Program (PSD)
National Center for Education Statistics
1990 K Street NW
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Institutional Characteristics This survey provides the basis for the universe of institutions presented in the *Directory of Postsecondary Institutions*. The survey collects basic information necessary to classify the institutions including control, level, and kinds of programs; and information on tuition, fees, and room and board charges. Beginning in 2000, the survey collected institutional pricing data from institutions with first-time, full-time, degree/certificate-seeking undergraduate students. Unduplicated full-year enrollment counts and instructional activity are now collected on the Fall enrollment survey. The overall response rate was 95.5 percent for 2001.

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Fall Enrollment This survey has been part of the HEGIS and IPEDS series since 1966. The enrollment survey response rate is relatively high. The 1999 overall response rate was 96.9 percent for degree-granting institutions. The imputation method differed for 1999 compared to earlier surveys. For all institutions that did not report in 1999, data from the previous year were used as 1999 estimates. Major sources of nonsampling error for this survey as identified in the 1979 report were classification problems, the unavailability of needed data, interpretation of definitions, the survey due date, and operational errors. Of these, the classification of students appears to have been the main source of error. Institutions had problems in correctly classifying first-time freshmen and other first-time students for both full-time and part-time categories. These problems occurred most often at 2-year institutions (private and public) and private 4-year institutions. In the 1977–78 HEGIS validation studies, the classification problem led to an estimated overcount of 11,000 full-time students and an undercount of 19,000 part-time students. Although the ratio of error to the grand total was quite small (less than 1 percent), the percentage of errors was as high as 5 percent for detailed student levels and even higher at certain aggregation levels.

Beginning with fall 1986, the survey system was redesigned with the introduction of IPEDS (see above). The survey allows (in alternating years) for the collection of age and residence data. In 2000, the Enrollment survey collected the instructional activity and unduplicated headcount data, which are needed to compute a standardized, full-time equivalent (FTE) enrollment statistic for the entire academic year. Starting in 2001, unduplicated headcount by level of student, and by race/ethnicity and gender of student will also be requested, as will total number of students in the entering class.

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Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty This institutional survey has been conducted for most years from 1966–67 to 1987–88, and annually since 1989–90. Although the survey form changed a number of times during those years, only comparable data are presented in this report.

Between 1966–67 and 1985–86 this survey differed from other HEGIS surveys in that imputations were not made for nonrespondents. Thus, there is some possibility that the salary averages presented in this report may differ from the results of a complete enumeration of all colleges and universities. Beginning with the surveys for 1987–88, the IPEDS data tabulation procedures included imputations for survey nonrespondents. The response rate for the 1998–99 survey was 95.5 percent for degree-granting institutions. Because of the higher response rate for public colleges, it is probable that the public colleges' salary data are more accurate than the data for private colleges. Although data from these surveys are not subject to sampling error, sources of nonsampling error may include computational errors and misclassification in reporting and processing. NCES reviews individual colleges' data for internal and longitudinal consistency and contacts the colleges to check inconsistent data.

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Completions This survey was part of the HEGIS series throughout its existence. However, the degree classification taxonomy was revised in 1970–71, 1982–83, and 1991–92. Collection of degree data has been maintained through the IPEDS system.

Though information from survey years 1970–71 through 1981–82 is directly comparable, care must be taken if information before or after that period is included in any comparison. Degrees-conferred trend tables arranged by the 1991–92 classification are included in the *Digest* to provide consistent data from 1970–71 to the most recent year. Data in this edition on associate and other formal awards below the baccalaureate, by field of study, cannot be made comparable with figures prior to 1982–83. The nonresponse rate did not appear to be a significant source of nonsampling error for this survey. The return rate over the years has been high, with the degree-granting institutions response rate for the 1999–2000 survey at 96.7 percent. The overall response rate for the nondegree granting institutions was 84.4 percent in 1999–2000. Because of the high return rate for the degree-granting institutions, nonsampling error caused by imputation is also minimal.

The major sources of nonsampling error for this survey were differences between the NCES program taxonomy and taxonomies used by the colleges, classification of double majors, operational problems, and survey timing. In the 1979 HEGIS validation study, these sources of nonsampling contributed to an error rate of 0.3 percent overreporting of bachelor's degrees and 1.3 percent overreporting of master's degrees. The differences, however, varied greatly among fields. Over 50 percent of the fields selected for the validation study had no errors identified. Categories of fields that had large differences were business and management, education, engineering, letters, and psychology. It was also shown that differences in proportion to the published figures were less than 1 percent for most of the selected fields that had some errors. Exceptions to these were: master's and Ph.D. programs in labor and industrial relations (20 percent and 8 percent); bachelor's and master's programs in art education (3 percent and 4 percent); bachelor's and Ph.D. programs in business and commerce, and in distributive education (5 percent and 9 percent); master's programs in philosophy (8 percent); and Ph.D. programs in psychology (11 percent).

Further information on IPEDS Completions surveys may be obtained from:

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Financial Statistics This survey was part of the HEGIS series and has been continued under the IPEDS system. Changes were made in the financial survey instruments in fiscal years (FY) 1976, 1982, and 1987. The FY 76 survey instrument contained numerous revisions to earlier survey forms and made direct comparisons of line items very difficult. Beginning in FY 82, Pell Grant data were collected in the categories of federal restricted grants and contracts revenues and restricted scholarships and fellowships expenditures. The introduction of IPEDS in the FY 87 survey included several important changes to the survey instrument and data processing procedures. While these changes were significant, considerable effort has been made to present only comparable information on trends in this report and to note inconsistencies. Finance tables for this publication have been adjusted by subtracting the largely duplicative Pell Grant amounts from the later data to maintain comparability with pre-FY 82 data.

Possible sources of nonsampling error in the financial statistics include nonresponse, imputation, and misclassification. The response rate has been about 85 to 90 percent for most of the years. The response rate for the FY 97 survey was 95.1 percent for degree-granting institutions

Two general methods of imputation were used in HEGIS. If the prior year's data were available for a nonresponding institution, these data were inflated using the Higher Education Price Index and adjusted according to changes in enrollments. If no previous year's data were available, current data were used from peer institutions selected for location (state or region), control, level, and enrollment size of institution. In most cases estimates for nonreporting institutions in IPEDS were made using data from peer institutions.

Beginning with FY 87, the IPEDS survey system included all postsecondary institutions, but maintained comparability with earlier surveys by allowing 2- and 4-year institutions to be tabulated separately. For FY 87 through FY 91, in order to maintain comparability with the historical time series of HEGIS institutions, data were combined from two of the three different survey forms that make up the IPEDS survey system. The vast majority of the data were tabulated from form 1, which was used to collect information from public and private not-for-profit 2- and 4-year colleges. Form 2, a condensed form, was used to gather data for the 2-year for-profit institutions. Because of the differences in the data requested on the two forms, several assumptions were made about the form 2 reports so that their figures could be included in the degree-granting institutions totals.

In IPEDS, the form 2 institutions were not asked to separate appropriations from grants and contracts, nor state from local sources of funding. For the form 2 institutions, all the federal revenues were assumed to be federal grants and contracts, and all of the state and local revenues were assumed to be restricted state grants and contracts. All other form 2 sources of revenue, except for tuition and fees and sales and services of educational activities, were included under "other." Similar adjustments were made to the expenditure accounts. The form 2 institutions reported instruction and scholarship and fellowship expenditures only. All other educational and general expenditures were allocated to academic support.

To reduce reporting error, NCES uses national standards for reporting finance statistics. These standards are contained in *College and University Business Administration: Administrative Services (1974 Edition),* and the *Financial Accounting and Reporting Manual for Higher Education (1990 Education),* published by the National Association of College and University Business Officers; *Audits of Colleges and Universities* (as amended August 31, 1974), by the American Institute of Certified Public Accountants; and *HEGIS Financial Reporting Guide (1980),* by NCES. Wherever possible, definitions and formats in the survey form are consistent with those in these four accounting texts.

Further information on IPEDS Financial Statistics surveys may be obtained from:

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Staff The fall staff data presented in this publication were collected by NCES, through the IPEDS system, which collected data from postsecondary institutions, including all 2- and 4-year degree-granting education institutions. The NCES collects staff data biennially in odd numbered years from institutions of postsecondary education.

The "Fall Staff" questionnaires were mailed out by NCES in August; the respondents reported the employment statistics in their institution that cover the payroll period in the fall of the survey year. The "Fall Staff, 1999" survey had an overall response rate of 94.8 percent for degree-granting institutions. Imputations for 1999 differed from earlier methods. For all institutions that did not respond to the survey, data from the 1997 survey were used as estimates for fall 1999.

Further information on IPEDS Fall Staff surveys may be obtained from:

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Internet Access in Public Schools and Classrooms

The Internet Access in Public Schools and Classrooms study is part of the National Center for Education Statistics Fast Response Survey System (FRSS). The FRSS was established in 1985 to collect issue-oriented data quickly with minimum response burden. It was designed to meet the data needs of the U.S. Department of Education analysts, planners, and decisionmakers when information could not be collected quickly enough through traditional NCES surveys.

The Internet survey was designed to assess the federal government's commitment to assist every school and classroom in connecting to the Internet by the year 2000. In 1994, NCES began surveying approximately 1,000 public schools each year about their access to the Internet, access in classrooms, and since 1996, their type of Internet connections. In 2000, questions were asked about access to the Internet at times outside of regular school hours and on "acceptable use policies." All estimates are based on samples and are subject to sampling variability.

Further information on Internet access in public schools and classrooms may be obtained from:

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Library Statistics Program

Nationwide, public library statistics are collected using the Public Libraries Survey and disseminated annually through the Federal–State Cooperative System for public library data (FSCS). Descriptive statistics are produced for nearly 9,000 public libraries. The Public Libraries Survey includes information about staffing; operating income and expenditures; type of governance; type of administrative structure; size of collection; and service measures, such as, reference transactions, public service hours, interlibrary loans, circulation, and library visits. In FSCS, respondents supply the information electronically, and data are edited and tabulated in machine-readable form.

The respondents are 8,946 public libraries identified in the 50 states and the District of Columbia by state library agencies. At the state level, FSCS is administered by State Data Coordinators, appointed by the Chief Officer of each State Library Agency. The State Data Coordinator collects the requested data from local public libraries and submits these data to NCES. An annual training conference sponsored by NCES is provided for the State Data Coordinators. A steering committee representing State Data Coordinators and other public library constituents is active in the development of FSCS data elements and software. Technical assistance to states is provided by phone and in person by the FSCS steering committee and by NCES staff and contractors. All 50 states and the District of Columbia have submitted data that are available for individual public libraries and are also aggregated to state and national levels.

Since 1990, data have been collected electronically. The most recent software is called DECPLUS. It includes identifying information on all known public libraries and their outlets, some state libraries, and some library systems and cooperatives. Beginning in 1994, this resource was available for drawing samples for special surveys on such topics as literacy, access for the disabled, and library construction.

Under the Academic Libraries Survey (ALS), NCES surveyed academic libraries on a 3-year cycle between 1966 and 1988. Since 1988, ALS has been a component of the Integrated Postsecondary Education Data System and is on a 2-year cycle. ALS provides data on about 3,500 academic libraries. In aggregate, these data provide an overview of the status of academic libraries nationally and statewide. Beginning in 1996, libraries were asked about electronic services including, electronic catalogs that include the libraries' holdings, Internet access, and electronic full-text periodicals. The survey collects data on the libraries in the entire universe of degree-granting institutions. ALS produces descriptive statistics on academic libraries in postsecondary institutions in the 50 states, the District of Columbia, and the outlying areas.

The School Library Statistics Survey collected data on school libraries/media centers in 1990–91 and 1993–94. This survey asked questions on libraries in public and private schools as part of the Schools and Staffing Survey (SASS). These questionnaires were revised and a sample survey of about 7,600 schools was conducted during school year 1993–94. The library components of the 1990–91 SASS include: number of students served and number of professional staff and aides; at the district level, number of full-time equivalent librarians/media specialists, vacant positions, positions abolished, and approved positions; and amount of librarian input in establishing curriculum. The 1993–94 survey was much more extensive and added questions concerning media centers and collections of libraries.

Further information on the Library Statistics Program may be obtained from:

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National Adult Literacy Survey

The National Adult Literacy Survey (NALS) was created as a new measure of literacy and funded by the U.S. Department of Education and by 12 states. It is the third and largest assessment of adult literacy funded by the federal government. The aim of the survey is to profile the English literacy of adults in the United States based on their performance across a wide array of tasks that reflect the types of materials and demands they encounter in their daily lives.

To gather the information on adults' literacy skills, trained staff interviewed nearly 13,600 individuals aged 16 and older during the first 8 months of 1992. These participants had been randomly selected to represent the adult population in the country as a whole. Black and Hispanic households were oversampled to ensure reliable estimates of literacy proficiencies, and to permit analyses of the performance of these subpopulations. In addition, some 1,100 inmates from 80 federal and state prisons were interviewed to gather information on the proficiencies of the prison population. In total, over 26,000 adults were surveyed.

Each survey participant was asked to spend approximately an hour responding to a series of diverse literacy tasks, as well as questions about his or her demographic characteristics, educational background, reading practices, and other areas related to literacy. Based on their responses to the survey tasks, adults received proficiency scores along three scales which reflect varying degrees of skill in prose, document, and quantitative literacy. The results of the survey were published in a report, *Adult Literacy in America,* in September 1993.

Further information on NALS may be obtained from:

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National Assessment of Educational Progress

The National Assessment of Educational Progress (NAEP) is a series of cross-sectional studies designed and initially implemented in 1969. NAEP has gathered information about selected levels of educational achievement across the country. NAEP has surveyed the educational attainments by age and grade (9-, 13-, and 17-year-olds, and 4th-, 8th-, and 12th-graders), and young adults (ages 25 to 35), in 10 learning areas. NAEP administers two different types of tests, national and state NAEP. At the national level, NAEP is divided into two assessments: the main NAEP and the long-term trend NAEP.

NAEP long-term trend assessments are designed to give information on the changes in the basic achievement of America's youth. Nationally representative samples of students have been assessed in science, mathematics, and reading at ages 9, 13, and 17 since the early 1970s. Students have been assessed in writing at grades 4, 8, and 11 since 1984. To measure trends accurately, assessment items (mostly multiple choice) and procedures have remained unchanged since the first assessment in each subject. Recent trend assessments were conducted in 1994, 1996, and 1999. About 30,000 students took part in the 1996 trend assessment. Results are reported as average scores for the nation, regions, and for various subgroups of the population such as race and ethnic groups. Data from the trend assessments are available in the most recent report, *NAEP 1999 Trends in Academic Progress.*

In the main national NAEP, a nationally representative sample of students is assessed at grades 4, 8, and 12 in various academic subjects. The assessments change periodically and are based on frameworks developed by the National Assessment Governing Board (NAGB). Items include both multiple-choice and "constructed-response" (requiring written answers). Results are reported in two ways. Average scores are reported for the nation, participating states and jurisdictions, and for subgroups of the population. In addition, the percent of students at or above the basic, proficient, and advanced achievement levels are reported for these same groups. The achievement levels are developed by NAGB.

Since 1990, main NAEP has also been conducted for states and other jurisdictions that choose to participate (47 participated in 1996). Because the national NAEP samples were not, and are not currently, designed to support the reporting of accurate and representative state-level results, separate representative samples of students are selected for each participating jurisdiction. State data are usually available at grades 4 and/or 8, and may not include all subjects assessed in the national-level assessment. In 1994, for example, NAEP assessed reading, geography, and history at the national level at grades 4, 8, and 12 (only reading at grade 4 was assessed at the state level, however). In 1996, mathematics and science were assessed nationally at grades 4, 8, 12. In the states, mathematics was assessed at grades 4 and 8, and science was assessed at grade 8 only. In 1997, the arts were assessed at the national level at grade 8. Reading and writing were assessed in 1998 at the national level for grades 4, 8, and 12, and state levels for grades 4 and 8. Civics was assessed at the national level, as well. These assessments generally involve about 130,000 students at the national and state levels.

The assessment data presented in this publication were derived from tests designed and conducted by the Education Commission of the States (1969–1983) and by the Educational Testing Service (1983 to present). Three-stage probability samples have been used. The primary sampling units have been stratified by region and, within region, by state, size of community, and, for the two smaller sizes of community strata, by socioeconomic level. The first stage of sampling entails defining and selecting primary sampling units (PSUs). For each age/grade level (grades 4, 8, and 12) the second stage entails enumerating, stratifying, and randomly selecting schools, both public and private, within each PSU selected at the first stage. The third stage involves randomly selecting students within a school for participation in NAEP. Assessment exercises have been administered either to individuals or to small groups of students by specially trained personnel.

Sample sizes for the reading proficiency portion of the 1999 NAEP long-term trends study were: 5,793 for the 9-year-olds, 5,933 for the 13-year-olds, and 5,288 for the 17-year-olds. Response rates were 94 percent, 92 percent, and 80 percent, respectively. Response rates for earlier years (1970–71, 1974–75, and 1979–80) were generally lower. For example, the lowest response rate for the 9-year-olds was 88 percent in 1974–75, and the lowest response rate overall was 70 percent for the 17-year-olds in 1974–75.

Sample sizes in math and science portions of the 1999 long-term trends were: 6,032 9-year-olds, 5,941 13-year-olds, and 3,795 17-year-olds. Response rates were 94, 93, and 81 percent, respectively.

Assessments focusing on particular subject areas are conducted separately from long-term assessments. The 2000 mathematics assessment was administered to 13,511 4th-graders, 15,694 8th-graders, and 13,432 12th-graders. The response rates were: 96 percent for 4th-graders, 92 percent for 8th-graders, and 77 percent for 12th-graders.

The 2000 reading assessment was administered to 7,914 4th-graders. The response rate was 96 percent.

The 1997–98 writing assessment was administered to 19,816 4th-graders, 20,586 8th-graders, and 19,505 12th-graders. Student response rates for the 1997–98 writing assessment were 95 percent for the 4th-graders, 92 percent for the 8th-graders, and 80 percent for the 12th-graders.

In 1995–96, a science assessment was administered to 7,305 4th-graders, 7,774 8th-graders, and 7,537 12th-graders. The response rates were 94 percent for the 4th-graders, 94 percent for the 8th-graders, and 93 percent for the 12th-graders.

The 1993–94 geography assessment was administered to 5,507 4th-graders, 6,878 8th-graders, and 6,234 12th-graders. The response rates for the assessment were 93 percent for the 4th-graders, 93 percent for the 8th-graders, and 90 percent for the 12th-graders.

In 1990, representative state-level data were produced for mathematics at the 8th-grade level. This was the first time NAEP had produced data on a state-by-state level. In 2000, state-level assessments were conducted in 4th- and 8th-grade mathematics and science.

Information from NAEP is subject to both nonsampling and sampling error. Two possible sources of nonsampling error are nonparticipation and instrumentation. Certain populations have been oversampled to assure samples of sufficient size for analysis. Instrumentation nonsampling error could result from failure of the test instruments to measure what is being taught and, in turn, what is being learned by the students.

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National Education Longitudinal Study of 1988

The National Education Longitudinal Study of 1988 (NELS:88) is the third major secondary school student longitudinal study sponsored by the National Center for Education Statistics. The two studies that preceded NELS:88, the National Longitudinal Study of the High School Class of 1972 (NLS–72) and High School and Beyond (HS&B) in 1980, surveyed high school seniors (and sophomores in HS&B) through high school, postsecondary education, and work and family formation experiences. Unlike its predecessors, NELS:88 begins with a cohort of 8th-grade students. In 1988, some 25,000 8th-graders, their parents, their teachers, and their school principals were surveyed. Followups were conducted in 1990, 1992, and 1994, when a majority of these students were in 10th and 12th grades, and then 2 years after their scheduled high school graduation. A fourth followup was conducted in 2000.

NELS:88 is designed to provide trend data about critical transitions experienced by young people as they develop, attend school, and embark on their careers. It complements and strengthens state and local efforts by furnishing new information on how school policies, teacher practices, and family involvement affect student educational outcomes (i.e., academic achievement, persistence in school, and participation in postsecondary education). For the base year, NELS:88 includes a multifaceted student questionnaire, four cognitive tests, a parent questionnaire, a teacher questionnaire, and a school questionnaire.

In 1990, when the students were in 10th grade, the students, school dropouts, their teachers, and their school principals were surveyed. The 1988 survey of parents was not a part of the 1990 followup. In 1992, when most of the students were in 12th grade, the second followup conducted surveys of students, dropouts, parents, teachers, and school principals. Also, information from the students' transcripts were collected. Tables A3 and A4 present the respondent counts and design effects of NELS:88 and the 1990 and 1992 followups.

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National Household Education Survey

The National Household Education Survey (NHES) is a data collection system that is designed to address a wide range of education-related issues. Surveys were conducted in 1991, 1993, 1995, 1996, 1999, and 2001.

NHES targets specific populations for detailed data collection. It is intended to provide more detailed data on the topics and populations of interest than are collected through supplements to other household surveys.

The topics addressed by NHES:91 were early childhood education and adult education. About 60,000 households were screened for NHES:91. In the Early Childhood Education component, about 14,000 parents/guardians of 3- to 8-year olds completed interviews about their children's early educational experiences. Included in this component were participation in nonparental care/education, care arrangements and school, and family, household, and child characteristics. In the NHES:91 Adult Education component, about 9,800 persons 16 years of age and older, identified as having participated in an adult education activity in the previous 12 months, were questioned about their activities. Data were collected on programs and up to four courses, including the subject matter duration, sponsorship, purpose, and cost. Information on the household and the adult's background and current employment also was collected. In the NHES:95 survey, 23,969 adults were sampled for the adult education component and 80 percent (19,722) completed the interview.

In NHES:93, nearly 64,000 households were screened. Approximately 11,000 parents of 3- to 7-year-olds completed interviews for the School Readiness component. Topics included were the developmental characteristics of preschoolers, school adjustment and teacher feedback to parents for kindergartners and primary students, center-based program participation, early school experiences, home activities with family members, and health status. In the School Safety and Discipline component, about 12,700 parents of children in grades 3 through 12, and about 6,500 youth in grades 6 through 12, were interviewed about their school experiences. Topics included the school learning environment, discipline policy, safety at school, victimization, the availability and use of alcohol/drugs, and alcohol/drug education. Peer norms for behavior in school and substance use were also included in this topical component. Extensive family and household background information was collected, as well as characteristics of the school attended by the child.

In NHES:95 survey, the Early Childhood Program participation component and the Adult Education component were similar to those in 1991. In the Early Childhood component, about 14,000 parents of children from birth to third grade were interviewed. For the Adult Education component, about 19,500 civilian adults were interviewed.

In the spring of 1996, Parent and Family Involvement in education and Civic Involvement were covered. For the Parent and Family Involvement component, nearly 21,000 parents of children grades 3 to 12 were interviewed. For the Civic Involvement component, about 8,000 youth grades 6 to 12, about 9,000 parents, and about 2,000 adults were interviewed. The 1996 survey also addressed public library use. Adults in almost 55,000 households were interviewed to support state-level estimates of household public library use.

NHES:99 collected end-of-decade estimates of key indicators from the surveys conducted throughout the 1990s. Approximately 60,000 households were screened for a total of about 40,000 interviews with parents of children from birth through 12th grade, and adults aged 16 or older not enrolled in grade 12 or below. Key indicators included participation of children in nonparental care and early childhood programs, school experiences, parent/family involvement in education at home and at school, youth community service activities, plans for future education, and adult participation in educational activities and community service.

NHES:2001 repeated data collection of prior surveys on Early Childhood Program Participation and Adult Education. The Before- and After School Program and Activities survey was a new collection focusing on children from kindergarten to 8th-grade.

Further information on NHES may be obtained from:

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National Longitudinal Study of the High School Class of 1972

The National Longitudinal Study of the high school class of 1972 (NLS:72) began with the collection of base-year survey data from a sample of about 19,000 high school seniors in the spring of 1972. Five more followup surveys of these students were conducted in 1973, 1974, 1976, 1979, and 1986. NLS:72 was designed to provide the education community with information on the transitions of young adults from high school through postsecondary education and the workplace.

In addition to the followups, a number of supplemental data collection efforts were undertaken. For example, a Postsecondary Education Transcript Study (PETS) was undertaken in 1984, and the fifth followup survey in 1986 included a supplement for those who became teachers.

The sample design for the NLS:72 was a stratified, two-stage probability sample of 12th-grade students from all schools, public and private, in the 50 states and the District of Columbia during the 1971–72 school year. During the first stage of sampling, about 1,070 schools were selected for participation in the base-year survey. As many as 18 students were selected at random from each of the sample schools. The size of both the school and student samples were increased during the first followup survey. Beginning with the first followup and continuing through the fourth followup, about 1,300 schools participated in the survey and slightly under 23,500 students were sampled. The response rates for each of the different rounds of data collection have been 80 percent or higher.

Sample retention rates across the survey years have been quite high. For example, of the individuals responding to the base-year questionnaire, the percentages who responded to the first, second, third, and fourth followup questionnaires were about 94, 93, 89, and 83 percent, respectively.

Further information on NLS:72 may be obtained from:

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http://nces.ed.gov/surveys/nls72/

National Postsecondary Student Aid Study

The National Postsecondary Student Aid Study (NPSAS) is a comprehensive nationwide study of how students and their families pay for postsecondary education. It covers national representative samples of undergraduates, graduates, and first-professional students, including students attending less than 2-year institutions, 2- to 3-year schools, 4-year colleges, and major universities. Participants included students who do not receive aid and their parents, as well as students who do receive financial aid and their parents. Study results are used to help determine future federal policy regarding student financial aid. The study was conducted every 3 years. Beginning in 1999–2000, the survey will be conducted every 4 years.

The first NPSAS was conducted during the 1986–87 school year. Data were gathered from about 1,074 colleges, universities, and other postsecondary institutions; 60,000 students; and 14,000 parents. These data provided information on the cost of postsecondary education, the distribution of financial aid, and the characteristics of both aided and nonaided students and their families.

As a part of NPSAS:93, information on 77,000 undergraduates and graduate students enrolled during the school year was collected at 1,000 postsecondary institutions. The sample included students enrolled at any time between July 1, 1992 and June 30, 1993. About 66,000 students and a subsample of their parents were interviewed by telephone. NPSAS:96 contains information on more than 48,000 undergraduate and graduate students from 973 postsecondary institutions. Students were enrolled at any time during the 1995–96 school year.

Further information on NPSAS may be obtained from:

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http://nces.ed.gov/npsas/

National Study of Postsecondary Faculty

This study is in response to a continuing need for data on faculty and instructors-persons who directly affect the quality of education in postsecondary institutions. They often determine curriculum content, student performance standards, and the quality of students' preparation for careers. Faculty members perform important research and development work and perform public service activities. The National Study of Postsecondary Faculty (NSOPF) was designed to provide data about faculty to postsecondary researchers, planners, and policymakers. NSOPF is the most comprehensive study of faculty in postsecondary educational institutions ever undertaken.

The first cycle of NSOPF was conducted by the National Center for Education Statistics (NCES) with support from the National Endowment for the Humanities (NEH) in 1987–88 (NSOPF:88) with a sample of 480 colleges and universities, over 3,000 department chairpersons, and over 11,000 instructional faculty. The second cycle of NSOPF was conducted by NCES with support from NEH and the National Science Foundation (NSF) in 1992–93 (NSOPF:93). NSOPF:93 was limited to surveys of institutions and faculty, but with a substantially expanded sample of 974 colleges and universities, and 31,354 faculty and instructional staff. NSPOF:99 included 960 degree-granting postsecondary institutions and approximately 18,000 faculty and instructional staff questionnaires were completed.

Further information on NSOPF may be obtained from:

Linda J. Zimbler
Postsecondary Longitudinal and Sample Survey Studies (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Linda.Zimbler@ed.gov
http://nces.ed.gov/surveys/nsopf/

Projections of Education Statistics

Since 1964, NCES has published projections of key statistics for elementary and secondary schools and institutions of higher education. These projections include statistics such as enrollments, instructional staff, graduates, earned degrees, and expenditures. The *Projections* reports include several alternative projection series and a methodology section describing the techniques and assumptions used to prepare them. Data in this edition of the *Digest* reflect the middle alternative projection series.

Differences between the reported and projected values are, of course, almost inevitable. An evaluation of past projections revealed that, at the elementary and secondary level, projections of enrollments have been quite accurate: mean absolute percentage differences for enrollment were less than 1 percent for projections from 1 to 5 years in the future, while those for teachers were less than 4 percent. At the higher education level, projections of enrollment have been fairly accurate: mean absolute percentage differences were 5 percent or less for projections from 1 to 5 years into the future.

Further information on *Projections of Education Statistics* may be obtained from:

Debra E. Gerald
Annual Reports Program (ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Debra.Gerald@ed.gov
www.nces.ed.gov/edstats/

Public School Kindergarten Teachers' Views on Children's Readiness for School

This sample survey of 1,448 public school kindergarten teachers was conducted as part of a national early childhood assessment system for National Education Goal One: "By the year 2000, all American children will start school ready to learn." The survey obtained data on kindergarten teachers' views of children's readiness and on the teachers' classroom practices.

Further information on *Public School Kindergarten Teachers' Views on Children's Readiness for School* may be obtained from:

Shelley Burns
Data Development Program (ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Shelley.Burns@ed.gov
www.nces.ed.gov/surveys/frss/

Public School Principal Survey on Safe, Disciplined, and Drug-Free Schools

This sample survey used the NCES Fast Response Survey System (FRSS), which is designed to gather timely information for policymakers. The survey was conducted in 1991 by Westat, Inc. A national sample of 830 public school principals, represented by a response rate of 94 percent, answered questions regarding the extent of discipline problems within their schools. They were also questioned about the nature and effectiveness of their schools' current policies and drug education programs.

This survey categorized principals by instructional level (elementary, secondary), type of school location (city, urban fringe, town, rural), enrollment size (less than 300, 300 to 999, 1,000 or more), region (Northeast, Central, Southeast, and West), and percentage of students receiving free or reduced-price lunches (10 percent or less, 11 to 40 percent, 41 percent or more).

Further information on *Public School Principal Survey on Safe, Disciplined, and Drug-Free Schools* may be obtained from:

Shelley Burns
Data Development Program (ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Shelley.Burns@ed.gov
www.nces.ed.gov/surveys/frss/

Survey of Recent College Graduates

Since 1976, NCES has conducted six surveys of baccalaureate and master's degree recipients 1 year after graduation. The Recent College Graduates (RCG) surveys have concentrated on those graduates entering the teaching profession. The surveys link major field of study with outcomes such as whether the respondent entered the labor force or was seeking additional education. Data on labor force includes employment status (unemployed, part-time or full-time employed), occupation, salary, career potential, relation to major field of study, and need for a college degree. To obtain accurate results on teachers, graduates with a major in education were oversampled. The latest two surveys continued to oversample education majors, but increased the sampling of graduates with majors in other fields.

The survey involved a two-stage sampling procedure. First, the universe of institutions awarding bachelor's and master's degrees was stratified by number or percentage of degrees awarded to education graduates and by control of institution (public or private). A sample of institutions within each stratum was then selected. Second, for each of the selected institutions, a list of their graduates by major field of study was obtained and a sample of graduates was drawn by major field of study. Graduates in certain major fields of study (e.g., education, mathematics, physical sciences) were sampled at higher rates than graduates in other fields. Roughly 1 year after graduation, the sample of graduates was located, contacted by mail or telephone, and asked to respond to the questionnaire.

The locating process was more detailed than in most surveys. Nonresponse rates were directly related to the time, effort, and resources used in locating graduates, rather than to graduates' refusals to participate. Despite the difficulties in locating graduates, response rates for recent studies are comparable to studies without locating problems.

The 1976 survey of 1974–75 college graduates was the first, and smallest of the series. The sample consisted of 211 schools, of which 200 (96 percent) responded. Of the 5,854 graduates in the sample, 4,350 responded, for a response rate of 79 percent.

The 1981 survey was somewhat larger, with a coverage of 297 institutions and 15,852 graduates. Responses were obtained from 283 institutions, for an institutional response rate of 95 percent, and from 9,312 graduates (716 others were determined to be out of scope), for a response rate of 74 percent.

The 1985 survey sampled 404 colleges and 18,738 graduates of whom 17,853 were found to be in scope. Responses were obtained from 13,200 students, for a response rate of 78 percent. The response rate for the colleges was 98 percent. The 1987 survey form was sent to 21,957 graduates. Responses were received from 16,878, for a response rate of 79.7 percent.

RCG:91 involved a sample of 18,135 graduates of 400 bachelor's and master's degree-granting institutions. The 18,135 graduates consisted of 16,172 bachelor's degrees recipients and 1,963 master's degree recipients receiving diplomas between July 1, 1989 and June 30, 1990. Random samples of graduates were selected from lists stratified by field of study. Graduates in education, mathematics, and the physical sciences were sampled at a higher rate, as were minority graduates to provide a sufficient number of these graduates for analysis purposes. The graduates included in the sample were selected in proportion to the institution's number of graduates. The institutional response rate was 95 percent and the graduate response rate was 83 percent.

Table A5 contains sample sizes for number of graduates, by field, for the 1976, 1981, 1985, 1987, and 1991 surveys.

This survey system has been replaced by a new data collection entitled Baccalaureate and Beyond Longitudinal Study (see listing above).

Further information on the RCG survey may be obtained from:

Paula Knepper
Postsecondary Studies Division
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Paula.Knepper@ed.gov
http://nces.ed.gov/surveys/rcg/

Schools and Staffing Survey

The Schools and Staffing Survey (SASS) is a set of linked questionnaires that covers public school districts, public and private schools, principals, and teachers as its core components. SASS was first conducted for the National Center for Education Statistics by the Bureau of the Census during the 1987–88 school year. SASS subsequently was conducted in 1990–91, 1993–94, and 1999–2000. SASS data are reported through a mail questionnaire with telephone followup. SASS collects data on the nation's public and private elementary and secondary teaching force, characteristics of schools and school principals, demand for teachers, and school/school district policies. The 1990–91, 1993–94, and 1999–2000 SASS also obtained data on Bureau of Indian Affairs (BIA) or tribally run schools. For the first time, SASS, 1999–2000 included the entire universe of charter schools known to be in operation during 1998–99. SASS data are collected through a sample survey of schools, the school districts associated with sampled schools, school principals, school library/media centers, and teachers.

Both the 1993–94 and 1999–2000 SASS estimates are based upon a sample consisting of approximately 9,900 public schools, 3,600 private schools, and 5,500 public school districts associated with the public schools in the sample. From these schools, about 56,000 public school teachers and 10,700 private school teachers were selected for the 1993–94 and 1999–2000 SASS teacher surveys. The 1999–2000 SASS included 1,100 charter schools, and a sample of 4,400 charter school teachers.

The public school sample for the 1999–2000 SASS was based on the 1997–98 school year Common Core of Data (CCD), the compilation of all the nation's public school districts and public schools. CCD is collected annually from state education agencies. The frame includes regular public schools, Department of Defense-operated military base schools in the United States, and other schools, such as special education, vocational, and alternative schools. SASS is designed to provide national estimates for public and private school characteristics and state estimates for school districts, public schools, principals, and teachers. The teacher survey is designed as well to allow comparisons between new and experienced teachers, and between bilingual/ESL teachers and other teachers.

The private school sample for 1993–94 SASS was selected from the 1991–92 Private School Universe Survey (PSS) (1997–98 PSS for the 1999–2000 SASS), supplemented with list updates from states and some associations available in time for sample selection. PSS collects basic data on all of the nation's private schools from two sources: the list frame and the area search frame. The list frame was compiled from a set of private school associations that provide NCES with their membership lists and states that gather lists of private schools. The area search frame consisted of schools not included on the list frame that were compiled from local sources in a sample of counties around the United States. Private school estimates are available at the national level and by type of private school.

The 1993–94 Teacher Demand and Shortage (TDS) and School Principal Questionnaires were mailed out first in October 1993, along with School Library/Media Center and Library Media Specialist/Librarian Questionnaires. The weighted response rate for the Teacher Demand and Shortage Questionnaire was 93.9 percent. Weighted response rates for the Public School Principal Questionnaire and the Private School Questionnaire were 96.6 percent and 87.6 percent, respectively.

In December 1993, public, private, and BIA school questionnaires were mailed out as part of the 1993–94 SASS. The public, private, and BIA teacher questionnaires were sent out in several batches, between mid-December 1993 and early February 1994. Weighted response rates for the Public School Questionnaire and the Private School Questionnaire were 92.3 percent and 83.2 percent, respectively. Five percent of public schools and 9 percent of private schools did not provide a list of teachers in their schools and were thus ineligible for sampling. Weighted response rates were 88.2 percent for public school teachers and 80.2 percent for private school teachers.

Item response rates were varied, but generally high, ranging from 67 to 100 percent for the 1993–94 TDS, 65 to 100 percent for public school principal questions, 55 to 100 percent for private school principal items, 83 to 100 percent for public school items, 61 to 100 percent for private school survey items, 71 to 100 percent for public school teacher items, and 69 to 100 percent for private school teacher items.

For SASS, 1999–2000, the School District and School Principal Questionnaires were mailed out first in October 1999, along with School Library/Media Center Questionnaires. The unweighted response rate for the School District Questionnaire was 90.6 percent. Unweighted response rates for the Public School Principal Questionnaire, the Private School Principal Questionnaire, and the Charter School Principal Questionnaire were 92.8 percent, 88.6 percent, and 94.6 percent, respectively.

In December 1999, public, private, charter, and BIA school questionnaires were mailed out as part of the 1999–2000 SASS. The public, private, charter, and BIA teacher questionnaires were sent out in several batches, between mid-December 1999 and February 2000. Unweighted response rates for the Public School Questionnaire, the Private School Questionnaire, and the Charter School Questionnaire were 90.0 percent, 79.8 percent, and 86.1 percent, respectively. Seven percent of public schools, 13 percent of private schools, and 9 percent of charter schools did not provide a list of teachers in their schools and were thus ineligible for sampling. Weighted response rates were 83.0 percent for public school teachers, 77.0 percent for private school teachers, and 78.3 percent for charter school teachers.

Public-use data files will be available on CD-ROM (2002 forthcoming). Restricted-use data files are also available to approved, licensed users. Summary data from the 1999–2000 SASS can be found in the forthcoming *Schools and Staffing Survey, 1999–2000: Overview of the Data* (NCES 2002–313). Further information about the sample design may be obtained from the *1999–2000 Schools and Staffing Survey: Sample Design and Estimation* (forthcoming). There also is a methodology report on SASS, *A Quality Profile for SASS, Rounds 1–3: 1987 to 1995* (NCES 2000–308). The SASS homepage at the address below contains updates on the latest publications.

Further information on SASS may be obtained from:

Kerry Gruber
Elementary/Secondary Sample Survey Studies
Program (ESLSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Kerry.Gruber@ed.gov
http://nces.ed.gov/surveys/sass/

Private School Universe Survey

The purposes of Private School Survey (PSS) data collection activities are: to build an accurate and complete list of private schools to serve as a sampling frame for NCES sample surveys of private schools; and to report data on the total number of private schools, teachers, and students in the survey universe. The PSS is conducted every 2 years with collections in 1989–90, 1991–92, 1993–94, 1995–96, 1997–98, and 1999–2000 school years. The next survey will be in the 2001–02 school year.

The PSS produces data similar to that of the CCD for the public schools, and can be used for public-private comparisons. The data are useful for a variety of policy and research-relevant issues, such as the growth of religiously affiliated schools, the number of private high school graduates, the length of the school year for various private schools, and the number of private school graduates, the length of the school year for various private schools, and the number of private school students and teachers.

The target population for the universe survey consists of all private schools in the United States that meet NCES criteria of a school (e.g., private school is an institution which provides instruction for any of grades K through 12, has one or more teachers to give instruction, is not administered by a public agency, and is not operated in a private home). The survey universe is composed of schools identified from a variety of sources. The main source is a list frame, initially developed for the 1989–90 PSS. The list is updated regularly matching it with lists provided by nationwide private school associations, state departments of education, and other national guides and sources which list private schools. The other source is an area frame search in approximately 120 geographic areas, conducted by the Bureau of the Census.

Further information on PSS may be obtained from:

Steve Broughman
Elementary/Secondary Sample Survey Studies
Program (ESLSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Stephen.Broughman@ed.gov
http://nces.ed.gov/surveys/pss/

The Third International Mathematics and Science Study

The Third International Mathematics and Science Study (TIMSS) is the largest, most comprehensive, and most rigorous international comparison of education ever undertaken. During the 1995 school year, the study tested the mathematics and science knowledge of half a million students from 42 nations at three different grade levels. At the same time, the students, their teachers, and the principals of their schools were asked to respond to questionnaires about their backgrounds and their attitudes, experiences, and practices in the teaching and learning of mathematics and science. In 1999, the Third International Mathematics and Science Study—Repeat (TIMMS–R) compared the mathematics and science achievement of 8th-graders in 38 countries.

TIMSS is a collaborative research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). The TIMSS International Study Center is housed in the Center for the Study of Testing, Evaluation, and Educational Policy (CSTEEP) at Boston College. The TIMSS International Study Director, Albert E. Beaton, directs the international activities of the study, together with his staff at the International Study Center.

Further information on TIMSS may be obtained from:

Dr. Albert Beaton,
TIMSS International Study Director
CSTEEP, Campion Hall 323
Boston College
Chestnut Hill, MA 02467
http://nces.ed.gov/timss/

Other Department of Education Agencies

Office for Civil Rights

Elementary and Secondary Civil Rights Compliance Report (Survey)

The Office for Civil Rights (OCR), U.S. Department of Education, conducts biennial surveys of public school districts and of schools within those districts. Data are obtained on the characteristics of pupils enrolled in public schools throughout the nation. Such information is required under Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973 to enable OCR to carry out its compliance responsibilities. The 1990 survey included the 100 largest public school districts, those of special interest (i.e., court order, compliance review), and a stratified random sample of approximately 3,500 districts representing approximately 40,000 schools. School, district, and national data are currently available.

Further information on the Elementary and Secondary Civil Rights Compliance Report (Survey) may be obtained from:

Peter McCabe
Office for Civil Rights
U.S. Department of Education
330 C Street SW
Washington, DC 20202
http://www.ed.gov/offices/OCR/

The Office of Special Education and Rehabilitative Services

Annual Report to Congress on the Implementation of the Education of the Handicapped Act

The Individuals with Disabilities Education Act (IDEA), formerly the Education of the Handicapped Act (EHA), requires the Secretary of Education to transmit to Congress annually, a report describing the progress in serving the nation's disabled children. The annual report contains information on children served by the public schools under the provisions of Part B of the IDEA and for children served in state-operated programs (SOP) for the handicapped under Chapter I of the Elementary and Secondary Education Act (ESEA). Statistics on children receiving special education and related services in various settings and school personnel providing such services are reported in an annual submission of data to the Office of Special Education and Rehabilitative Services (OSERS), by the 50 states, the District of Columbia, and the outlying areas. The child count information is based on the number of disabled children receiving special education and related services on December 1st of each year.

Since each participant in programs for the disabled is reported to OSERS, the data are not subject to sampling error. However, nonsampling error can occur from a variety of sources. Some states follow a noncategorical approach to the delivery of special education services, but produce counts by disabling condition because EHA–B requires it. In those states that do categorize their disabled students, definitions and labeling practices vary.

Further information on the Annual Report to Congress may be obtained from:

Office of Special Education Programs
Office of Special Education and Rehabilitative
Services
330 C Street SW
Washington, DC 20202
www.ed.gov/offices/OSERS/OSEP/index.html

National Longitudinal Transition Study of Special Education Students

As part of the 1983 amendments to the Education of the Handicapped Act (EHA), Congress requested that the U.S. Department of Education conduct a national longitudinal study of the transition of secondary special education students to determine how they fare in terms of education, employment, and independent living. A 5-year study was mandated, which was to include youth from ages 13 to 21 who were in special education at the time they were selected and who represented all 11 federal disability categories. Data were drawn from extensive telephone interviews with parents, from school records, and from a survey of educators in secondary schools attended by youth in the study.

The study was conducted by SRI International and began in April, 1987. The National Transition Study involves a nationally representative sample of more than 8,000 secondary-age youth with disabilities. A sample of 450 school districts was randomly selected from the universe of approximately 14,000 school districts serving secondary special education students. An additional replacement sample of 176 additional districts was selected due to a low rate of agreement to participate from the initial group of districts. Participation in the study was invited from the approximately 80 special schools serving secondary-age deaf, blind, and deaf-blind schools. A total of approximately 300 school districts and 25 special schools agreed to have youth selected for the study.

Further information on the National Longitudinal Transition Study of Special Education Students may be obtained from:

Office of Special Education Programs
Office of Special Education and Rehabilitative
Services
330 C Street SW
Washington, DC 20202
www.ed.gov/offices/OSERS/OSEP/index.html

Other Governmental Agencies

Bureau of the Census

Current Population Survey

Current estimates of school enrollment rates, as well as social and economic characteristics of students, are based on data collected in the Census Bureau's monthly household survey of about 50,000 dwelling units. The monthly Current Population Survey (CPS) sample consists of 754 areas comprising 2,007 geographic areas, independent cities, and minor civil divisions throughout the 50 states and the District of Columbia. The samples are initially selected based on the decennial census files and are periodically updated to reflect new housing construction.

The monthly CPS deals primarily with labor force data for the civilian noninstitutional population (i.e., excluding military personnel and their families living on post and inmates of institutions). In addition, in October of each year, supplemental questions are asked about highest grade completed, level and grade of current enrollment, attendance status, number and type of courses, degree or certificate objective, and type of organization offering instruction for each member of the household. In March of each year, supplemental questions on income are asked.

The responses to these questions are combined with answers to two questions on educational attainment: highest grade of school ever attended, and whether that grade was completed.

The estimation procedure employed for monthly CPS data involves inflating weighted sample results to independent estimates of characteristics of the civilian noninstitutional population in the United States by age, sex, and race. These independent estimates are based on statistics from decennial censuses; statistics on births, deaths, immigration, and emigration; and statistics on the population in the armed services. Generalized standard error tables are provided in the *Current Population Reports.* The data are subject to both nonsampling and sampling errors.

Further information on CPS may be obtained from:

Education and Social Stratification Branch
Population Division
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
http://www.bls.census.gov/cps/cpsmain.htm

Educational Attainment Data on years of school completed are derived from two questions on the Current Population Survey (CPS) instrument. Formal reports documenting educational attainment are produced by the Bureau of the Census using March CPS results. The latest report is *Educational Attainment in the United States, March 2000,* Series P20–536, which is available from the Government Printing Office.

In addition to the general constraints of CPS, some data indicate that the respondents have a tendency to overestimate the educational level of members of their household. Some inaccuracy is due to a lack of the respondent's knowledge of the exact educational attainment of each household member and the hesitancy to acknowledge anything less than a high school education. Another cause of nonsampling variability is the change in the numbers in the armed services over the years.

Caution should also be used when comparing newer data, which reflect 1990 census-based population controls, with data from March 1993 and earlier years, which reflect 1980 or earlier census-based population controls. This change in population controls had relatively little impact on summary measures such as means, medians, and percentage distributions. It did have a significant impact on levels. For example, use of 1990 based population controls results in about a 1 percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 1994 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain subpopulation groups than for the total population.

Examples of the sampling variability in the estimates of educational attainment are given in table A7. For the March 2000 basic CPS, the nonresponse rate was 7.0 percent and for the suppplement the nonresponse rate was an additional 8.0 percent for a total supplement nonresponse rate of 14.4 percent.

The figures shown in the table hold for total or white population estimates only. The variability in estimates for subgroups (region, household relationships, etc.) can be estimated using the tables presented in *Current Population Reports.* Further information on the Current Population Survey may be obtained from the CPS Web Site at: http://www.bls.census.gov/cps/cpsmain.htm

Further information on CPS "Educational Attainment in the United States" may be obtained from:

Education and Social Stratification Branch
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
http://www.census.gov/population/www/socdemo/educ-attn.html

School Enrollment Each October, the Current Population Survey (CPS) includes supplemental questions on the enrollment status of the population 3 years old and over, in addition to the monthly basic survey on labor force participation. The main sources of nonsampling variability in the responses to the supplement are those inherent in the survey instrument. The question of current enrollment may not be answered accurately for various reasons. Some respondents may not know current grade information for every student in the household, a problem especially prevalent for households with members in college or in nursery school. Confusion over college credits or hours taken by a student may make it difficult to determine the year in which the student is enrolled. Problems may occur with the definition of nursery school (a group or class organized to provide educational experiences for children), where respondents' interpretations of "educational experiences" vary.

The 2000 CPS sample was selected from the 1990 Decennial Census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. The United States was divided into 2,007 geographic areas. In most states, a geographic area consisted of a county or several contiguous counties. In some areas of New England and Hawaii, minor civil divisions are used instead of counties. A total of 754 geographic areas were selected for sample. About 50,000 occupied households are eligible for interview every month. Interviewers are unable to obtain interviews at about 3,200 of these units. This occurs when the occupants are not found at home after repeated calls or are unavailable for some other reason. For the October 2000 basic CPS, the nonresponse rate was 6.8 percent, and for the school enrollment supplement the nonresponse rate was an additional 3.1 percent for a total supplement nonresponse rate of 9.7 percent. Examples of sampling variability in the estimates of school enrollment rates are given in table A6.

Further information on CPS methodology may be obtained from:

http://www.bls.census.gov/cps/cpsmain.htm

Further information on CPS "School Enrollment" may be obtained from:

Education and Social Stratification Branch
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
http://www.census.gov/population/www/socdemo/school.html

Dropouts Each October, the Current Population Survey (CPS) includes supplemental questions on the enrollment status of the population 3 years old and over as part of the monthly basic survey on labor force participation. In addition to gathering the information on school enrollment, with the limitations as noted under "School Enrollment," the survey data permit calculations of dropout rates. Both status and event dropout rates are tabulated from the CPS Survey. The *Digest* provides information using the status rate calculation. Event rates describe the proportion of students who leave school each year without completing a high school program. Status rates provide cumulative data on dropouts among all young adults within a specified age range. Status rates are higher than event rates because they include all dropouts ages 16 through 24, regardless of when they last attended school.

In addition to other survey limitations, dropout rates may be affected by survey coverage and exclusion of the institutionalized population. The incarcerated population has grown more rapidly than the general population, and they have a higher dropout rate than the general population. Dropout rates for the total population might be higher than those for the noninstitutionalized population if the prison and jail populations were included in the dropout rate calculations. On the other hand, the inclusion of military personnel, who tend to be high school graduates, might offset some or all of the impact from the inclusion of the jail and prison population.

Another area of concern with tabulations involving young people in household surveys is the relatively low coverage ratio compared to older age groups. CPS undercoverage results from missed housing units and missed persons within sample households. Overall CPS undercoverage is estimated to be about 8 percent. CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for blacks and other races combined than for whites. For example, the undercoverage ratio for black 20- to 29-year-olds males is 34 percent. Ratio estimation to independent age-sex-race-Hispanic population controls partially corrects for the bias due to undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics from those of interviewed persons in the same age-sex-race-origin-state group. Further information on CPS methodology may be obtained from:

http://www.bls.census.gov/cps/cpsmain.htm

Further information on calculation of dropouts and dropout rates may be obtained from the NCES *Dropout Rates in the United States: 2000* at:

http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2002144 or by contacting,

Chris Chapman
Early Childhood Longitudinal Study Program (ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Chris.Chapman@ed.gov

Government Finances

The Census Bureau conducts an annual survey of *Government Finances* as authorized by law under Title 13, United States Code, Section 182. This survey covers the entire range of government finance activities: revenue, expenditure, debt, and assets. Revenues and expenditures comprise actual receipts and payments of a government and its agencies, including government-operated enterprises, utilities, and public trust funds. The expenditure reporting categories comprise all amounts of money paid out by a government and its agencies with the exception of amounts for debt retirement and for loan, investment, agency, and private trust transactions.

Most of the federal government statistics are based on figures that appear in *The Budget of the United States Government*. Since the classification used by the Census Bureau for reporting state and local government finance statistics differs in a number of important respects from the classification used in the United States Budget, it was necessary to adjust the federal data. For this report, federal budget expenditures include interest accrued, but not paid, during the fiscal year; Census data on interest are on a disbursement basis.

The state government finances are based primarily on the annual Census Bureau survey of state finances. Census staff compiled figures from official records and reports of the various states for most of the state financial data.

The sample of local governments is drawn from the periodic Census of Governments and consists of certain local governments taken with certainty plus a sample below the certainty level.

The statistics in *Government Finances* that are based wholly or partly on data from the sample are subject to sampling error. State government finance data are not subject to sampling error. Estimates of major United States totals for local governments are subject to a computed sampling variability of less than one-half of I percent. The estimates are also subject to the inaccuracies in classification, response, and processing which would occur if a complete census had been conducted under the same conditions as the sample.

Further information on *Government Finances* may be obtained from:

Governments Division
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
http://www.census.gov/govs/www/index.html

1990 Census of Population—Education in the United States

This report is based on a part of the decennial census which consists of questions asked of a one-in-six sample of persons and housing units in the United States. This sample was asked more detailed questions about income, occupation, and housing costs in addition to general demographic information.

School Enrollment Persons classified as enrolled in school reported attending a "regular" public or private school or college at any time between February 1, 1990, and the time listed. Questions asked were whether the institution attended was public or private, and level of school in which the student was enrolled.

Educational Attainment Data for educational attainment were tabulated for persons 15 years and over, and classified according to the highest grade completed or the highest degree received. Instructions were also given to include the level of the previous grade attended or the highest degree received for persons currently enrolled in school.

Poverty status To determine poverty status, answers to income questions were used and compared to the appropriate poverty threshold. All persons except institutionalized persons, persons in military group quarters and in college dormitories, and unrelated persons under 15 years old were considered. If total income of each family or unrelated individual in the sample was less than the corresponding cutoff, that family or individual was classified as "below the poverty level."

Further information on the 1990 Census of population may be obtained from:

Population Division
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
http://www.census.gov/prod/www/abs/decenial.html

Bureau of Labor Statistics

Unemployment Surveys

Statistics on the employment status of the population and related data are compiled by the Bureau of Labor Statistics (BLS) using data from the Current Population Survey (CPS). This monthly survey of households is conducted for BLS by the Bureau of the Census through a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Each month about 50,000 occupied units are eligible for interview. Some 3,200 of these households are contacted, but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey that ranges between 6 and 7 percent. In addition to the 50,000 occupied units, there are 9,000 sample units in an average month which are visited, but found to be vacant or otherwise not eligible for enumeration.

The current sample design, introduced in January 1996, includes about 59,000 households from 754 sample areas and maintains a 1.9 percent coefficient of variation (cv) on national monthly estimates of unemployment level. This translates into a change of 0.2 percentage points in the unemployment rate being significant at a 90 percent confidence level. For each of the 50 states and for the District of Columbia, the design maintains a cv of 8 percent on the annual average estimate of unemployment level, assuming a 6 percent unemployment rate.

Further information on unemployment surveys may be obtained from:

Mary Bowler
Bureau of Labor Statistics
U.S. Department of Commerce
2 Massachusetts Avenue NE
Washington, DC 20212
http://ww.bls.gov/eag/eag.us.htm

Consumer Price Indexes

The Consumer Price Index (CPI) represents changes in prices of all goods and services purchased for consumption by urban households. Indexes are available for two population groups: a CPI for All Urban Consumers (CPI–U) and a CPI for Urban Wage Earners and Clerical Workers (CPI–W). Price Indexes are available for the United States, the four Census regions, size of city, cross-classifications of regions and size-classes, and for 26 local areas. The major uses of the CPI include the CPI as an economic indicator, as a deflator of other economic series, and as a means of adjusting income payments.

Further information on consumer price indexes may be obtained from:

Consumer Price Indexes
Bureau of Labor Statistics
U.S. Department of Commerce
2 Massachusetts Avenue NE
Washington, DC 20212
http://stats.bls.gov/cpiovrvw.htm

National Institute on Drug Abuse

The National Institute on Drug Abuse of the U.S. Department of Health and Human Services is the primary supporter of the long-term study entitled "Monitoring the Future: A Continuing Study of the Lifestyles and Values of Youth," conducted at the University of Michigan, Institute for Social Research. One component of the study deals with student drug abuse. Results of a national sample survey have been published annually since 1975. With the exception of 1975, when about 9,400 students participated in the survey, the annual senior samples are comprised of roughly 16,000 students in 133 schools. They complete self-administered questionnaires given to them in their classrooms by University of Michigan personnel. Beginning in 1991, similar surveys of nationally representative samples of 8th- and 10th-grade students have been conducted annually. The 10th-grade samples involve about 17,000 students in 140 schools each year, while the 8th-grade samples have approximately 18,000 students in 150 schools. In all, approximately 50,000 students from 420 public and private secondary schools are surveyed annually. Over the years, the response rate has varied from 77 to 84 percent. Table A8 provides examples of the survey's sampling error.

Understandably, there will be some reluctance to admit illegal activities. Also, students who were out of school on the day of the survey were nonrespondents. The survey did not include high school dropouts. The inclusion of these two groups would tend to increase the proportion of individuals who had used drugs. A 1983 study found that the inclusion of the absentees could increase some of the drug usage estimates by as much as 2.7 percentage points. (Details on that study and its methodology were published in *Drug Use Among American High School Students, College Students, and Other Young Adults*, by Lloyd D. Johnston, Patrick M. O'Malley, and Jerald G. Bachman, available from the National Clearinghouse on Drug Abuse Information, 5600 Fishers Lane, Rockville, MD 20857.)

Further information Monitoring the Future drug abuse survey may be obtained from:

National Institute of Drug Abuse
Division of Epidemiology and Statistical Analysis
5600 Fishers Lane
Rockville, MD 20857
http://www.isr.umich.edu/src/mtf/index.html

National Science Foundation

Survey of Earned Doctorates Awarded in the United States

The Survey of Earned Doctorates Awarded in the United States has collected basic statistics from the universe of doctoral recipients in the United States each year since 1958. It has been supported by five federal agencies: the National Science Foundation, in conjunction with the U.S. Department of Education; the National Endowment for the Humanities; the U.S. Department of Agriculture; and the National Institutes of Health.

A survey form is distributed with the assistance of graduate deans, to each person completing the requirements for a doctorate. Of the 41,140 new research doctorates granted in 1999, the response rate was 92 percent. The questionnaire obtains information on sex, race/ethnicity, marital status, citizenship, handicaps, dependents, specialty field of doctorate, educational institutions attended, time spent in completion of doctorate, financial support, educational debt, postgraduation plans, and educational attainment of parents. The data are collected, edited, and published by the National Academy of Sciences.

Further information on the Survey of Earned Doctorates Awarded in the United States may be obtained from:

Science and Engineering Education and Human Resources Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
http://www.nsf.gov/sbe/srs/ssed/start.htm

Federal Obligations to Universities, Colleges, and Nonprofit Institutions

Each year, the National Science Foundation collects data on obligations to colleges and universities from federal agencies. Obligations differ from expenditures, in that funds obligated during one fiscal year may be spent by the recipient in later years. Obligation amounts include direct federal support, so that amounts subcontracted to other institutions are included. Those funds received through subcontracts from prime contractors are excluded. Also excluded from the data are certain types of financial assistance, such as the U.S. Department of Education's Guaranteed Student Loan Program and obligations to the U.S. service academies. For purposes of tabulations in this publication, university-administered federally funded research and development centers (FFRDCs) have been included in appropriate state totals.

The universe of academic institutions for this survey is based on the Integrated Postsecondary Education Data System conducted by the National Center for Education Statistics (see above). Institutions without federal support were excluded and some systems were combined into single reporting units.

Further information on *Federal Support to Universities, Colleges, and Nonprofit Institutions* may be obtained from:

Science and Engineering Activities Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
http://www.nsf.gov/sbe/srs/fedsuppt/

Survey of Scientific and Engineering Expenditures at Universities and Colleges

The National Science Foundation's annual academic survey collects data on research and development expenditures in the sciences and engineering from a sample of 573 institutions in the United States and outlying areas. Those institutions were selected from the universe of 595 schools that grant a graduate science or engineering degree and/or perform activities for which at least $50,000 has been funded from separately budgeted R&D expenditures. In addition, the survey includes 19 university-affiliated, federally funded research and development centers (FFRDCs).

The 573 institutions sampled for FY 1998 include all doctorate-granting institutions, all historically black colleges and universities with any R&D expenditures, and a random sample of all other institutions. The response rate was 97 percent. Data presented are assembled from the most recently completed survey and represent the latest totals available.

Further information on *Academic Science/Engineering, R&D Funds* may be obtained from:

Science and Engineering Activities Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
http://www.nsf.gov/sbe/srs/sseeuc/start.htm

Other Organization Sources

American College Testing Program

The American College Testing (ACT) Assessment is designed to measure educational development in the areas of English, mathematics, social studies, and natural sciences. The ACT Assessment is taken by college-bound high school students and the test results are used to predict how well students might perform in college.

Prior to the 1984–85 school year, national norms were based on a 10 percent sample of the students taking the test. Since then, national norms are based on the test scores of all students taking the test. Moreover, beginning with 1984–85, these norms have been based on the most recent ACT scores available from students scheduled to graduate in the spring of the year. Duplicate test records are no longer used to produce national figures.

Separate ACT standard scores are computed for English, mathematics, social studies, science reasoning, and, as of October 1989, reading. ACT standard scores are reported for each subject area on a scale from 1 to 36. The four ACT standard scores have a mean (average) of about 19 and a standard deviation of about 6 for college-bound students nationally. A composite score is obtained by taking the simple average of the four standard scores and is an indication of a student's overall academic development across these subject areas. Beginning with the October 1989 test date, a new version of the ACT was introduced.

It should be noted that college-bound students who take the ACT Assessment are not representative of college-bound students nationally. First, students who live in the Midwest, Rocky Mountains and Plains, and the South are overrepresented among ACT-tested students as compared with college-bound students nationally. Second, ACT-tested students tend to enroll in public colleges and universities more frequently than do college-bound students nationally.

Further information on the ACT may be obtained from:

The American College Testing Program
2201 North Dodge Street
P.O. Box 168
Iowa City, IA 52243
http://www.act.org/news/data.html

American Federation of Teachers

The American Federation of Teachers (AFT) has reported national and state average salaries and earnings for teachers, other school employees, government workers, and professional employees over the past 25 years. The AFT's survey of state departments of education obtains information on minimum salaries, experienced teachers reentering the classroom, and teacher age and experience. Most data from the survey are reported as received, although some data are confirmed by telephone. These data are available in the AFT's annual report *Survey and Analysis of Salary Trends*. While this serves as the primary vehicle for reporting the results of the AFT's annual survey of state departments of education, several other data sources are also used in the report.

Further information on *Survey and Analysis of Salary Trends* may be obtained from:

American Federation of Teachers
555 New Jersey Avenue NW
Washington, DC 20001
http://www.aft.org/research/survey/index.html

College Entrance Examination Board

The Admissions Testing Program of the College Board comprises a number of college admissions tests, including the Preliminary Scholastic Assessment Test (PSAT) and the Scholastic Assessment Test (SAT). High school students participate in the testing program as sophomores, juniors, or seniors—some more than once during these 3 years. If they have taken the tests more than once, only the most recent scores are tabulated. The PSAT and SAT report subscores in the areas of mathematics and verbal ability.

The SAT results are not representative of high school students or college-bound students nationally since the sample is self-selected. Generally, tests are taken by students who need the results to attend a particular college or university. The state totals are greatly affected by the requirements of its state colleges. Public colleges in a number of states require ACT scores rather than SAT scores. Thus, the proportion of students taking the SAT in these states is very low and is inappropriate for any comparison. In recent years, more than 1 million high school students have taken the examination annually.

Further information on the SAT can be obtained from:

College Entrance Examination Board
Educational Testing Service
Princeton, NJ 08541
http://www.collegeboard.org/

Graduate Record Examinations Board

The Graduate Record Examinations (GRE) tests are taken by individuals applying to graduate or professional school. GRE offers three types of tests, the General Test, Subject Tests and the new Writing Assessment. The General Test, which is mainly offered on computer, measures verbal, quantitative, and analytical reasoning skills. These skills are not necessarily related to any particular field of study. In contrast, the Subject Tests measure achievement in 14 subject areas. Subject areas include Biochemistry, Cell and Molecular Biology, Biology, Chemistry, Computer Science, Economics, Engineering, Geology, History, Literature in English, Mathematics, Music, Physics, Psychology, and Sociology. Finally, the Writing Assessment, introduced in October 1999, consists of two analytical writing tasks. Each graduate institution or division of the institution determines which GRE tests are required for admission.

Individuals may take GRE tests more than once. Score reports only reflect scores earned within the past 5-year period.

Further information on the GRE may be obtained from:

Graduate Record Examinations Board
Educational Testing Service
Princeton, NJ 08541
http://www.gre.org

Council for Aid to Education

The Council for Aid to Education, Inc., (CFAE) is a not-for-profit corporation funded by contributions from businesses. CFAE largely provides consulting and research services on voluntary support to corporations and information services to education institutions. Each year CFAE conducts a survey of colleges and universities and private elementary and secondary schools to obtain information on the amounts, sources, and purposes of private gifts, grants, and bequests received during the academic year.

In the 1999–2000 study, approximately 2,973 colleges and universities were invited to participate and 1,040 responded. The response rates were much higher for the 4-year colleges than for the 2-year colleges. For example, 79 percent of the doctoral-level institutions, but only 7 percent of the 2-year colleges responded. CFAE estimates that about 85 percent of all voluntary support is reported in the survey because of the high participation of institutions receiving large amounts of funding.

Survey forms are reviewed by CFAE for internal consistency before preparing a computerized database. Institutional reports of voluntary support data from the CFAE Survey of Voluntary Support of Education are more comprehensive and detailed than the related data in the Integrated Postsecondary Education Data System, Finance Survey conducted by NCES. The results from the Survey of Voluntary Support of Education are published in the annual *Voluntary Support of Education,* which may be purchased from CFAE.

Further information on *Voluntary Support of Education* may be obtained from:

Director of Research
Council for Aid to Education, Inc.
51 Madison Avenue
Suite 2200
New York, NY 10010
http://www.cae.org/VSE/vseindex.cfm

National Catholic Educational Association

The National Catholic Educational Association (NCEA) is an organization devoted to providing leadership and service to Catholic education since 1904. NCEA began to publish *The United States Catholic Elementary and Secondary Schools: Annual Statistical Report on Schools, Enrollment and Staffing* in 1970 because of the lack of educational data on the private sector. The report is based on data gathered by each of the 175 archdiocesan and diocesan offices of education in the United States. These data enable NCEA to present information on school enrollment and staffing patterns for grades PK–12. The first part of the report presents data concerning the context of American education, while the following segment focuses on statistical data of Catholic schools. Statistics include enrollment by grade level, ethnicity, and religious affiliation.

Further information on *The United States Catholic Elementary and Secondary Schools: Annual Statistical Report on Schools, Enrollment, and Staffing* may be obtained from:

Sister Dale McDonald
National Catholic Educational Association
1077 30th Street NW, Suite 100
Washington, DC 20007–6232
Mcdonald@ncea.org
http://www.ncea.org

Council of Chief State School Officers

The Council of Chief State School Officers (CCSSO) is a nonprofit organization of the 57 public officials who head departments of public education in every state, the outlying areas, the District of Columbia, and the U.S. Department of Defense Dependents Schools. In 1985, the CCSSO founded the State Education Assessment Center to provide a locus of leadership by the states to improve the monitoring and assessment of education. *State Education Indicators,* is the principal report of the Assessment Center's program of indicators on education. Most of the data are obtained from a member questionnaire, and the remainder of the data are from federal government agencies.

Further information on CCSSO publications may be obtained from:

Rolf Blank
State Education Assessment Center
Council of Chief State School Officers
One Massachusetts Avenue NW
7th Floor
Washington, DC 20001
http://www.ccsso.org/

Council of State Directors of Programs for the Gifted

The Council of State Directors of Programs for the Gifted is composed of the director or individual in the leadership position for gifted education in each of the 50 states, the District of Columbia, and the outlying areas. The Council has conducted many surveys in the past and most recently conducted two comprehensive state surveys in order to produce a profile of gifted education throughout the nation. These data are reported in the 1985, 1987, 1990, and 1994 *State of the States Gifted and Talented Education* reports. This edition of the *Digest* uses data from the 1995–96 school year.

Further information on *State of the States Gifted and Talented Education* reports is available from:

Michael Hall, Executive Director
Council of State Directors of Programs for the Gifted
c/o Office of Public Instruction
P.O Box 202501
Helena, MT 59620–2501

Education Commission of the States

The Education Commission of the States (ECS) Clearinghouse collects information on laws and standards in the field of education and reports them periodically in *Clearinghouse Notes.* The Commission collects information about administrators, principals, and teachers. It also examines policy areas, such as assessment and testing, collective bargaining, early childhood issues, quality education, and school schedules. The information is collected by reading state newsletters, tracking state legislation, and surveying state education agencies. Data are verified by the individual states when necessary. Even though ECS monitors state activity on a continuous basis, it updates the reports only when there is significant change in state activity.

Further information on *Clearinghouse Notes* is available from:

Kathy Christie
Education Commission of the States
707 17th Street, Suite 2700
Denver, CO 80202–3427
http://www.ecs.org/ecs/ecsweb.nsf

Gallup Poll

Phi Delta Kappa Survey

Each year the Gallup Poll conducts the "Public Attitudes Toward the Public Schools" survey, funded by Phi Delta Kappa. The survey includes interviews with adults representing the civilian noninstitutional population 18 years old and over.

The sample used in the 33rd annual survey was made up of a total of 1,108 respondents and is described as a modified probability sample of the nation. Personal, in-home interviewing was conducted in representative communities. Gallup uses an unclustered, directory-assisted, random-digit telephone sample, based on a proportionate stratified sampling design. In 1999, the final sample was weighted so that the distribution corresponded with the U.S. Census Bureau's Current Population Survey (CPS) estimates for adult population living in telephone households in the continental U.S.

The survey is a sample survey and is subject to sampling error. The size of error depends largely on the number of respondents providing data. Table A9 shows the approximate sampling errors associated with different percentages and sample sizes for the survey. Table A10 provides approximate sampling errors for comparisons of two sample percentages.

For example, an estimated percentage of about 10 percent based on the responses of 1,000 sample members maintains an approximate sampling error of 2 percent at the 95 percent confidence level. The sampling error for the difference in 2 percentages (50 percent versus 41 percent) based on 2 samples of 750 members and 400 members, respectively, is about 8 percent at the 95 percent confidence level.

Further information on the "Public Attitudes Toward the Public Schools" survey may be obtained from:

Pauline Gough
Phi Delta Kappa
P.O. Box 789
Bloomington, IN 47402–0789
http://www.pdkintl.org/kappan/k0109gal.htm

Independent Sector Survey

In 1988, The Independent Sector commissioned the Gallup Poll to conduct a national survey on the giving and volunteering behavior of Americans. This survey is part of a series of surveys taking place every 2 years. The 1999 information was obtained from in-home personal interviews conducted from May , June, and July 1999, with a representative national sample of 2,553 adult Americans 18 or more years old. Weighting procedures were used to ensure that the sample makeup corresponds with that of the adult population of the United States. The sampling procedure did not include those with incomes above $200,000 because they constitute such a small percentage of the population. The sampling area for this survey was plus or minus 3 percent.

The results from this survey are published in *Giving and Volunteering in the United States* and may be purchased from:

Independent Sector
1828 L Street NW
Washington, DC 20036
http://www.inedependentsector.org

International Association for the Evaluation of Educational Achievement (IEA)

The International Association for the Evaluation of Educational Achievement, known as the IEA, is comprised of research centers and scholars from around the world whose aim is to investigate education problems common among countries. In 1988, the IEA General Assembly, composed of the research institutes participating in IEA projects, decided to undertake a study of reading literacy. The study held its first National Research Coordinator (NRC) meeting in November 1988. The construction and pilot testing of instruments was conducted in the period from November 1988 to July 1990. The main testing took place in the period from October 1990 to April 1991 depending on the school year in each country. Thirty-two school systems were involved in the IEA Reading Literacy Study. Data were collected from 210,059 students, 10,518 teachers, and 9,073 schools. All students took reading tests for 2 sessions totaling 75 minutes at the 9-year-old level and 2 sessions totaling 85 minutes at the 14-year-old population. All students responded to a background questionnaire about their reading at home and at school. Teachers and school principals responded to questionnaires about themselves, their teaching and the school organization. Each national center (NCES was the center for the United States) completed a National Case Study Questionnaire.

Further information on the IEA reading literacy study may be obtained from:

Marilyn Binkley, NRC USA
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=98053

Institute of International Education

Each year the Institute of International Education (IIE) conducts a survey of the number of foreign students studying in American colleges and universities and reports these data in *Open Doors.* All of the regionally accredited institutions in the *Education Directory, Colleges, and Universities* published by NCES are surveyed by IIE. The data presented in the *Digest* are drawn from the IIE survey which requests the total enrollment of foreign students in an institution and information on student characteristics, such as country of origin. For the 1999–2000 survey, 2,696 (over 92 percent) institutions reported data for the survey.

Additional information can be obtained from the publication *Open Doors* or by contacting:

Todd M. Davis
Institute of International Education
809 United Nations Plaza
New York, NY 10017–3580
http://www.iie.org/opendoors/

National Association of College and University Business Officers

The National Association of College and University Business Officers (NACUBO) is a nonprofit professional organization representing chief administrative and financial officers at more than 2,100 colleges and universities across the country. Over two-thirds of all institutions of higher learning in the United States are members of NACUBO. Each year TIAA–CREF Trust Company, the premier pension system for educators and a manager of college endowments through its subsidiary, the Trust Company conducts an in-depth study of college and university endowments for NACUBO. Endowment asset ranges for *2000 NACUBO Endowment Study* participants are for the fiscal year ending June 30, 2000.

Endowments include stocks, bonds, cash, and real estate that colleges and universities receive as gifts. Colleges or universities receiving endowments may not spend the endowment principal, only investment income derived from the principal. Quasi-endowments—year-end surplus assets that institutions choose to treat as permanent capital—may also be included in an investment pool's endowment composition. Also, because donors frequently stipulate that their gifts support specific programs at colleges and universities, the overall size of the endowment can be misleading in terms of available income to support the education of undergraduate students. For example, the income from an endowment gift to a medical school or law school may only be spent on those schools. In such cases, the income would not be available to support undergraduate education. Thus, at some research universities with extensive graduate and professional schools, as little as one-third of the institution's endowment may actually be available to generate income to support undergraduate programs and students.

Of the 569 responding higher education institutions, 192 were public institutions and 377 were independent colleges and universities. The survey was mailed to over 720 colleges and universities, including both NACUBO member and non-member institutions. Only a limited number of not-for-profit higher education institutions in the United States have endowments.

Further information on the *2000 NACUBO Endowment Study* may be obtained from:

National Association of College and University
Business Officers (NACUBO)
2501 M Street, NW, Suite 400
Washington, DC 20037
http://www.nacubo.org

National Association of State Student Grant and Aid Programs

The National Association of State Student Grant and Aid Programs (NASSGAP) is an association of states with general programs of scholarship or grant assistance for undergraduate study. Executive officers responsible for grant program administration represent each state in the Association. The *30th Annual Survey Report: 1998–99 Academic Year* is produced by the New York State Higher Education Services Corporation, and data are reported for all 50 states, the District of Columbia, and Puerto Rico.

Further information on the *30th Annual Survey Report: 1998–99 Academic Year* may be obtained from:

Charles Treadwell
New York State Higher Education Services
Corporation
99 Washington Avenue, Room 1438
Albany, NY 12255
Attention: NASSGAP
http://www.nassgap.org/researchsurveys

National Education Association

The National Education Association (NEA) reports enrollment, expenditure, revenue, graduate, teacher, and instructional staff salary data in its annual publication, *Estimates of School Statistics.* Each year NEA prepares regression-based estimates of financial and other education statistics and submits them to the states for verification. Generally, about 30 states adjust these estimates based on their own data. These preliminary data are published by NEA along with revised data from previous years. States are asked to revise previously submitted data as final figures become available. The most recent publication contains all changes reported to the NEA.

Status of the American Public School Teacher

The *Status of the American Public School Teacher* survey is conducted every 5 years by the National Education Association (NEA). The survey was designed by the NEA Research Division and initially administered in 1956. The intent of the survey is to solicit information covering various aspects of public school teachers' professional, family, and civic lives.

Participants for the survey are selected using a two-stage sample design, with the first-stage stratum determined by the number of students enrolled in the districts. Selection probabilities are determined so that the resulting sample is self-weighting. In 1990–91, questionnaires were sent to a sample of 1,981 of the nation's approximately 2.4 million public school teachers. With an initial and four followup mailings, 1,499 questionnaires were returned, of which 145 were not usable. The sample was adjusted to 1,836 to reflect the 145 unusable responses. The response rate was 73.7 percent. In the 1995–96 survey, 1,325 public school teachers responded. The results based on this survey have a margin of error of plus or minus 2.3 percent at the 90 percent confidence level.

Possible sources of nonsampling errors are nonresponses, misinterpretation, and—when comparing data over years—changes in the sampling method and instrument. Misinterpretation of the survey items should be minimal, as the sample responding is not from the general population, but one knowledgeable about the area of concern. Also, the sampling procedure changed after 1956 and some wording of items has changed over the different administrations.

Since sampling is used, sampling variability is inherent in the data. An approximation to the maximum standard error for estimating the population percentages is 1.4 percent. Approximations for significance for other comparisons appear on table A11. To estimate the 95 percent confidence interval for population percentages, the maximum standard error of 1.4 percent is multiplied by 2 (1.4 x 2). The resulting percentage (2.8) is added and subtracted from the population estimate to establish upper and lower bounds for the confidence interval. For example, if a sample percentage is 60 percent, there is a 95 percent chance that the population percentage lies between 57.2 percent and 62.8 percent (60 percent ± 2.8 percent).

Further information on *Status of the American Public School Teacher* may be obtained from:

Brooke E. Whiting
National Education Association—Research
1201 16th Street NW
Washington, DC 20036
http://www.nea.org/nr/nr970702.html

Organization for Economic Cooperation and Development

The Organization for Economic Cooperation and Development (OECD) publishes analyses of national policies in education, training, and economics in about 30 countries. The countries surveyed are: Australia, Austria, Belgium, Canada, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Korea, Luxembourg, Mexico, Netherlands, New Zealand, Norway, Poland, Portugal, Spain, Sweden, Switzerland, Turkey, United Kingdom, and the United States. In addition to these OECD countries, a number of other countries are participating in the related World Education Indicators (WEI) project including: Argentina, Brazil, Chile, China, Indonesia, Jordan, Malaysia, Paraguay, Philippines, Russian Federation, Thailand, and Uruguay.

In the past several years, OECD has revised its data collection procedures to highlight current education issues and improve data comparability. The Centre for Educational Research and Innovation (CERI) has developed an Indicators of Education Systems (INES) project involving representatives of the OECD countries and the OECD Secretariat to improve international education statistics. Large improvements in data quality and comparability among OECD countries have resulted from the country to country interaction sponsored through the INES and WEI projects. The most recent publication in this series is *Education at a Glance, OECD Indicators, 2001.*

Further information on INES may be obtained from:

Andreas Schleicher
INES/OECD
2, rue Andre-Pascal
75775 Paris CEDEX 16
France
Andreas.SCHLEICHER@oecd.org
http://www.oecd.org/

Research Associates

Research Associates annually compiles the Higher Education Price Index (HEPI) which measures average changes in prices of goods and services purchased by colleges and universities through educational and general expenditures. Sponsored research and auxiliary enterprises are not priced by HEPI.

HEPI is based on the prices (or salaries) of faculty and of administrators and other professional service personnel; clerical, technical, service, and other nonprofessional personnel; and contracted services, such as data processing, communication, transportation, supplies and materials, equipment, books and periodicals, and utilities. These represent the items purchased for current operations by colleges and universities. Prices for these items are obtained from salary surveys conducted by various national higher education associations, the American Association of University Professors, the Bureau of Labor Statistics, and the National Center for Education Statistics; and from components of the Consumer Price Index (CPI) and the Producer Price Index (PPI) published by the U.S. Department of Labor, Bureau of Labor Statistics.

The quantities of these goods and services have been kept constant based on the 1971–72 buying pattern of colleges and universities. The weights assigned the various items priced, which represent their relative importance in the current-fund educational and general budget, are estimated national averages. Variance in spending patterns of individual institutions from these national averages reduces only slightly the applicability of the HEPI to any given institutional situation. Modest differences in the weights attached to expenditure categories have little effect on overall index values. This is because the HEPI is dominated by the trend in faculty salaries and similar salary trends for other personnel hired by institutions, which absorbs or diminishes the effects of price changes in other items purchased in small quantities.

Further information on HEPI may be obtained from:

Kent Halstead
Research Associates
1200 North Nash Street, #225
Arlington, VA 22209
http://www.rschassoc.com/inflation.html

United Nations Educational, Scientific, and Cultural Organization

The United Nations Educational, Scientific, and Cultural Organization (UNESCO) conducts annual surveys of education statistics of its member countries. Besides official surveys, data are supplemented by information obtained by UNESCO through other publications and sources. Each year more than 200 countries reply to the UNESCO surveys. In some cases, estimates are made by UNESCO for particular items such as world and continent totals. While great efforts are made to make them as comparable as possible, the data still reflect the vast differences among the countries of the world in the structure of education. While there is some agreement about the reporting of first- and second-level data, the third-level data (postsecondary education) presents numerous substantial problems. Some countries report only university enrollment while other countries report all postsecondary, including vocational and technical schools and correspondence programs. A very high proportion of some countries' third-level students attend institutions in other countries. While definition problems are many in this sort of study, other survey problems should not be overlooked. The member countries that provide data to UNESCO are responsible for their validity. Thus, data for particular countries are subject to nonsampling error and perhaps sampling error as well. Some countries may furnish only rough estimates, while data from other countries may be very accurate. Other difficulties are caused by the varying periodicity of data collection among the countries of the world. In spite of such problems, many researchers use UNESCO data because they are the best available for such a large group of countries. Users should examine footnotes carefully to recognize some of the data limitations.

Further information on the *Statistical Yearbook* may be obtained from:

UNESCO Institute for Statistics
C. P. 6128
Succursale, Centre-ville
Montreal, Quebec, H3C 3J7
Canada
http://unescostat.unesco.org

Table A1.—Respondent counts for selected High School and Beyond surveys

Classification variable and subgroup	followup survey of 1980 sophomores in 1982	followup survey of 1980 seniors in 1982	followup survey of 1980 sophomores in 1984	followup survey of 1980 seniors in 1984	followup survey of 1980 sophomores in 1986	followup survey of 1980 seniors in 1986
Total respondents (unweighted)	**25,830**	**11,227**	**11,463**	**10,925**	**11,248**	**10,536**
Sex						
Male	12,717	5,213	5,514	5,058	5,391	4,832
Female	13,113	6,014	5,949	5,867	5,857	5,704
Race/ethnicity						
White, non-Hispanic	17,295	5,180	7,285	5,057	7,194	5,246
Black, non-Hispanic	3,338	2,724	1,651	2,625	1,585	2,726
Hispanic	4,439	2,749	1,795	2,654	1,745	1,950
Asian or Pacific Islander	413	367	425	355	413	356
American Indian or Alaskan Native	248	191	253	185	246	200
Other or unclassified	97	16	54	49	65	58
Socioeconomic status composite (SES)[1]						
Low	6,752	3,940	2,831	3,857	2,751	3,668
Low-middle	6,234	2,390	2,624	2,314	2,559	2,289
High-middle	6,134	2,168	2,849	2,107	2,817	1,995
High	6,341	1,988	3,086	1,936	3,044	1,900
Unclassified	369	741	73	711	77	684
Father's highest level of education						
Less than high school	5,179	—	—	—	—	—
High school graduate[2]	11,961	—	—	—	—	—
College graduate[3]	5,169	—	—	—	—	—
Don't know/missing	3,521	—	—	—	—	—
High school program (self-reported)						
Academic	10,152	4,145	6,547	4,007	—	3,899
General	8,789	3,829	3,468	3,764	—	3,602
Vocational	6,664	2,660	3,611	2,581	—	2,481
Unclassified	225	593	56	573	—	554
High school type						
Public	—	9,969	8,647	9,727	—	9,385
Catholic	—	964	2,479	911	—	876
Other private	—	294	337	287	—	275
Postsecondary education status[4]						
Full-time	—	—	4,466	—	—	—
Part-time	—	—	3,275	—	—	—
Never enrolled	—	—	3,678	—	—	—
Missing/unclassified	—	—	44	—	—	—
October 1980 postsecondary education attendance status						
Part-time 2-year public institution	—	—	—	—	—	352
Part-time 4-year public institution	—	—	—	—	—	152
Full-time 2-year public institution	—	—	—	—	—	1,312
Full-time 4-year public institution	—	—	—	—	—	1,986
Full-time 4-year private institution	—	—	—	—	—	1,015
Not a student	—	—	—	—	—	4,523
Other and missing	—	—	—	—	—	1,196
Postsecondary education plans						
No plans	—	—	—	—	—	1,623
Attend vocational/technical school	—	—	—	—	—	1,835
Attend college less than four years	—	—	—	—	—	1,528
Earn bachelor's degree	—	—	—	—	—	2,631
Earn advanced degree	—	—	—	—	—	2,265
Missing	—	—	—	—	—	654
Participation in high school extracurricular activities[5]						
Never participated	—	—	—	—	—	1,024
Participated as a member	—	—	—	—	—	4,104
Participated as a leader	—	—	—	—	—	4,457

—Not available.

[1] The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and presence of certain items in the respondent's household.

[2] Includes attendance at a vocational, trade, or business school, or 2-year college; or attendance at a 4-year college resulting in less than a bachelor's degree.

[3] Includes those with a bachelor's or higher level degree.

[4] Postsecondary education status was determined by students' enrollment in academic or vocational study during the four semesters—fall 1982, spring 1983, fall 1983, and spring 1984—following their scheduled high school graduation. Students who enrolled in full-time study in each of the four semesters were classified as full time. Students who were enrolled in part-time study in any of the four semesters and those who were enrolled in full-time study in fewer than four semesters were classified as part time. Students who had neither enrolled on a full-time nor part-time basis in each of the four semesters were classified as never enrolled.

[5] Responses to questions concerning participation in each of 15 different extracurricular activity areas (i.e., varsity sports, debate, band, subject-matter clubs, etc.) were used to classify students' overall level of participation in extracurricular activities. The difference between the sum of the three category respondent counts and the total sample size is due to missing data.

NOTE: Data from students who dropped out of school between the 10th and 12th grades were not used in analyses of sophomore samples.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School and Beyond surveys.

Table A2.—Design effects (DEFF) and root design effects (DEFT) for selected High School and Beyond surveys and subsamples

Classification variable and subgroup	followup survey of 1980 sophomores in 1984	followup survey of 1980 seniors in 1984	followup survey of 1980 sophomores in 1986	followup survey of 1980 seniors in 1986
Total sample	**2.40 (1.54)**	**2.87 (1.69)**	**2.19 (1.47)**	**2.28 (1.50)**
Sex				
Male	—	—	2.07 (1.43)	2.13 (1.45)
Female	—	—	2.06 (1.43)	2.26 (1.50)
Race/ethnicity				
White and other	2.06 (1.42)	2.09 (1.44)	1.92 (1.38)	1.70 (1.30)
Black	2.22 (1.47)	2.26 (1.50)	2.19 (1.47)	2.40 (1.54)
Hispanic	3.15 (1.73)	3.72 (1.92)	3.11 (1.76)	4.06 (2.01)
Socioeconomic status composite (SES)[1]				
Low	1.91 (1.37)	2.28 (1.50)	1.83 (1.35)	2.31 (1.51)
Middle	1.95 (1.39)	1.81 (1.34)	2.06 (1.42)	2.02 (1.42)
High	2.05 (1.42)	1.93 (1.38)	1.92 (1.38)	1.71 (1.30)

—Not available.

[1] The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and presence of certain items in the respondent's household.

NOTE: The average design effect for the 1980 sophomore cohort first followup (1982) survey is 3.59(1.89) and the average design effect for the 1980 senior first followup (1982) survey is 2.64(1.62).

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School and Beyond surveys.

Table A3.—Respondent counts for the National Education Longitudinal Study: 1988, 1990, and 1992

Classification variable and subgroup	Base Year, 1988	First followup, 1990	Second followup, 1992
Total respondents (unweighted)	**24,599**	**20,706**	**21,188**
Sex			
Male	12,241	10,462	10,713
Female	12,358	10,244	10,475
Race/ethnicity			
White, non-Hispanic	16,317	13,837	14,024
Black, non-Hispanic	3,009	2,218	2,260
Hispanic	3,171	2,751	2,922
Asian or Pacific Islander	1,527	1,302	1,406
American Indian or Alaskan Native	299	259	266
Other or unclassified	276	399	310
Socioeconomic status composite (SES)[1]			
Low	5,934	4,556	4,395
Low-middle	5,788	4,472	4,501
High-middle	5,836	4,378	4,516
High	7,030	5,262	5,437
Unclassified	11	2,038	2,339
High school program (self-reported)			
Academic	7,298	6,420	7,567
General	3,369	7,990	6,125
Vocational	4,161	1,806	1,911
Unclassified	9,771	4,490	5,585
High school type			
Public	19,396	16,813	15,145
Catholic	2,602	1,012	934
Other private	2,601	1,602	1,530
Not enrolled	(2)	1,043	2,725
Missing	(2)	236	854
Postsecondary education plans			
No plans	2,685	2,483	2,646
Attend vocational/technical school	2,102	2,323	2,072
Attend college less than 4 years	3,078	3,074	2,457
Earn bachelor's degree	10,251	5,874	5,631
Earn advanced degree	6,268	5,269	5,580
Missing	215	1,683	2,802
School academic clubs and extracurricular activities			
Never participated	21,516	15,292	17,117
Participated as a member	2,798	5,144	3,355
Participated as a leader	285	270	716

[1] The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and presence of certain items in the respondent's household.

[2] Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Education Longitudinal Survey.

Table A4.—Design effects (DEFF) and root design effects (DEFT) for selected National Education Longitudinal Survey samples

Subsample characteristic	Base year, 1988		First followup, 1990		Second followup, 1992	
	Mean DEFF	Mean DEFT	Mean DEFF	Mean DEFT	Mean DEFF	Mean DEFT
All students	2.54	1.56	3.802	1.912	3.668	1.881
Dropouts	—	—	4.705	1.997	2.919	1.686
Sex						
Male	1.98	1.39	3.456	1.817	3.094	1.729
Female	1.93	1.38	3.324	1.783	3.238	1.785
Race/ethnicity						
White and other	2.25	1.48	3.101	1.729	3.084	1.737
Black	1.65	1.27	3.804	1.867	2.938	1.654
Hispanic	2.06	1.41	2.643	1.591	2.772	1.626
Asian/Pacific Islander	2.00	1.40	2.758	1.609	2.511	1.562
American Indian/Alaskan Native	—	—	2.066	1.362	3.292	1.687
Socioeconomic status composite (SES)[1]						
Low	1.58	1.25	2.797	1.644	2.931	1.680
Middle	1.66	1.28	3.138	1.732	2.516	1.569
High	1.84	1.34	3.576	1.817	3.849	1.921
High school type						
Public	2.27	1.48	3.147	1.736	3.116	1.733
Catholic	2.70	1.59	2.619	1.513	2.545	1.564
Other private	8.80	1.83	6.529	2.391	6.049	2.334
Community type						
Urban	—	—	3.463	1.842	3.742	1.897
Suburban	—	—	3.412	1.788	2.998	1.705
Rural	—	—	2.634	1.571	3.311	1.687

—Not available.

[1] The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and presence of certain items in the respondent's household.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Education Longitudinal Survey.

Table A5.—Respondent counts of full-time workers from the Recent College Graduates survey: 1976 to 1991

Field of study	Number employed full time				
	1974–75 graduates in May 1976	1979–80 graduates in May 1981	1983–84 graduates in April 1985	1985–86 graduates in April 1987	1989–90 graduates in April 1991
Total respondents (unweighted)	**2,464**	**5,521**	**6,799**	**15,024**	**9,451**
Professions	1,840	4,260	3,730	8,987	3,825
Arts and sciences	514	811	2,586	4,869	2,256
Other	110	450	483	1,168	3,370
Newly qualified to teach	1,337	2,469	1,109	2,546	1,966
Not newly qualified to teach	1,127	3,052	5,690	12,478	7,485
Professions	601	1,841	2,809	7,043	2,549
Engineering	80	270	601	915	411
Business and management	290	749	1,532	2,407	1,598
Health	72	252	387	3,106	281
Education[1]	141	464	146	521	188
Public affairs and services	18	106	143	94	71
Arts and sciences	433	770	2,430	4,369	2,006
Biological sciences	83	116	243	380	179
Physical sciences and mathematics	40	103	1,062	1,782	466
Psychology	64	105	189	366	316
Social sciences	107	252	449	780	813
Humanities	139	194	487	1,061	232
Other	93	441	451	1,066	2,930
Communications	7	73	240	392	217
Miscellaneous	86	368	211	674	2,713

[1] Includes those who had not finished all requirements for teaching certification or were previously qualified to teach.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Recent College Graduates surveys.

Table A6.—Estimated standard errors for enrollment rates in the October Current Population Survey: 1996 or 1997

Base of percentage, in thousands	Estimated percentage				
	2 or 98	5 or 95	10 or 90	25 or 75	50
	Total or white persons				
100	2.2	3.4	4.6	6.7	7.7
250	1.4	2.1	2.9	4.2	4.9
500	1.0	1.5	2.1	3.0	3.4
1,000	0.7	1.1	1.5	2.1	2.4
2,500	0.4	0.7	0.9	1.3	1.5
5,000	0.3	0.5	0.7	0.9	1.1
10,000	0.2	0.3	0.5	0.7	0.8
25,000	0.1	0.2	0.3	0.4	0.5
50,000	0.1	0.2	0.2	0.3	0.3
100,000	0.1	0.1	0.1	0.2	0.2
150,000	0.1	0.1	0.1	0.2	0.2
	Black persons				
75	2.6	4.1	5.7	8.2	9.5
100	2.3	3.6	4.9	7.1	8.2
250	1.4	2.3	3.1	4.5	5.2
500	1.0	1.6	2.2	3.2	3.7
1,000	0.7	1.1	1.6	2.2	2.6
2,500	0.5	0.7	1.0	1.4	1.6
5,000	0.3	0.5	0.7	1.0	1.2
10,000	0.2	0.4	0.5	0.7	0.8
15,000	0.2	0.3	0.4	0.6	0.7
20,000	0.2	0.3	0.3	0.5	0.6
	Hispanic persons				
75	2.8	4.4	6.1	8.7	10.1
100	2.4	3.8	5.2	7.6	8.7
250	1.5	2.4	3.3	4.8	5.5
500	1.1	1.7	2.3	3.4	3.9
1,000	0.8	1.2	1.7	2.4	2.8
2,500	0.5	0.8	1.0	1.5	1.7
5,000	0.3	0.5	0.7	1.1	1.2
10,000	0.2	0.4	0.5	0.8	0.9
15,000	0.2	0.3	0.4	0.6	0.7
20,000	0.2	0.3	0.4	0.5	0.6

SOURCE: U.S. Department of Commerce Bureau of the Census, *School Enrollment: Social and Economic Characteristics of Students*.

Table A7.—Estimated educational attainment rates and standard errors in the March Current Population Survey

Estimate	Base of percentage in thousands	Standard error	90 percent confidence interval[1]		95 percent confidence interval[1]	
			Lower bound	Upper bound	Lower bound	Upper bound
2 or 98	100	2.15	0.0	5.5	0.0	6.2
	100,000	0.07	1.9	2.1	1.9	2.1
10 or 90	100	4.61	2.4	17.6	1.0	19.0
	100,000	0.15	9.8	10.2	9.7	10.3
50	100	7.68	37.3	62.7	34.9	65.1
	100,000	0.24	49.6	50.4	49.5	50.5

[1] The confidence interval for the larger values can be found by taking the complement of that shown, e.g., for 98 it would be 93.8 to 100 for 95 percent confidence.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Educational Attainment in the United States*.

Table A8.—Standard errors for the proportion of seniors who had used drugs in the previous 12 months: 1975 to 1997

Drug	1975	1980	1985	1990	1991	1992	1993	1994	1995	1996	1997
Alcohol	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
Marijuana/hashish	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4
Any illicit drug other than marijuana	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
LSD	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Cocaine	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2

SOURCE: University of Michigan, Survey Research Center, Institute for Social Research, *Monitoring the Future Study*.

Table A9.—Sampling errors (95 percent confidence level) for percentages estimated from the Gallup Poll: 1992 and 1993

Percent	Size of sample						
	1,500	1,000	750	600	400	200	100
	Recommended allowance for sampling error of a percentage						
Percentages near 10 or 90	2	2	3	3	4	5	8
Percentages near 20 or 80	3	3	4	4	5	7	10
Percentages near 30 or 70	3	4	4	5	6	8	12
Percentages near 40 or 60	3	4	5	5	6	9	12
Percentages near 50	3	4	5	5	6	9	13

SOURCE: Phi Delta Kappan, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools."

Table A10.—Sampling errors (95 percent confidence level) for the difference in 2 percentages estimated from the Gallup Poll: 1992 and 1993

Size of sample	Size of sample					
	1,500	1,000	750	600	400	200
	Recommended allowance for sampling error of a difference in percentages (percentages near 80 or 20)					
1,500	4					
1,000	4	5				
750	5	5	5			
600	5	5	6	6		
400	6	6	6	7	7	
200	8	8	8	8	9	10
	Recommended allowance for sampling error of a difference in percentages (percentages near 50)					
1,500	5					
1,000	5	6				
750	6	6	7			
600	6	7	7	7		
400	7	8	8	8	9	
200	10	10	10	10	11	13

SOURCE: Phi Delta Kappan, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools."

Table A11.—Maximum differences required for significance (90 percent confidence level) between sample subgroups from the "Status of the American Public School Teacher" survey

Size of one subgroup	Size of other subgroup						
	100	200	300	400	500	600	700
100	11.6	10.1	9.5	9.2	9.0	8.9	8.8
200	10.1	8.2	7.5	7.1	6.9	6.7	6.6
300	9.5	7.5	6.7	6.3	6.0	5.8	5.7
400	9.2	7.1	6.3	5.8	5.5	5.3	5.2
500	9.0	6.9	6.0	5.5	5.2	5.0	4.8
600	8.9	6.7	5.8	5.3	5.0	4.7	4.6
700	8.8	6.6	5.7	5.2	4.8	4.6	4.4

SOURCE: National Education Association, "Status of the American Public School Teacher." (Copyright by the National Education Association. All rights reserved.)

Definitions

Academic support This category of college expenditures includes expenditures for support services that are an integral part of the institution's primary missions of instruction, research, or public service. Includes expenditures for libraries, galleries, audio/visual services, academic computing support, ancillary support, academic administration, personnel development, and course and curriculum development.

Achievement test An examination that measures the extent to which a person has acquired certain information or mastered certain skills, usually as a result of specific instruction.

Administrative support staff Includes personnel dealing with salary, benefits, supplies, and contractual fees for the office of the principal, full-time department chairpersons, and graduation expenses.

Agriculture Courses designed to improve competencies in agricultural occupations. Included is the study of agricultural production, supplies, mechanization and products, agricultural science, forestry, and related services.

American College Testing Program (ACT) The ACT assessment program measures educational development and readiness to pursue college-level coursework in English, mathematics, natural science, and social studies. Student performance on the tests does not reflect innate ability and is influenced by a student's educational preparedness.

Appropriation (federal funds) Budget authority provided through the congressional appropriation process that permits federal agencies to incur obligations and to make payments.

Appropriation (institutional revenues) An amount (other than a grant or contract) received from or made available to an institution through an act of a legislative body.

Associate degree A degree granted for the successful completion of a sub-baccalaureate program of studies, usually requiring at least 2 years (or equivalent) of full-time college-level study. This includes degrees granted in a cooperative or work-study program.

Auxiliary enterprises This category includes those essentially self-supporting operations which exist to furnish a service to students, faculty, or staff, and which charge a fee that is directly related to, although not necessarily equal to, the cost of the service. Examples are residence halls, food services, college stores, and intercollegiate athletics.

Average daily attendance (ADA) The aggregate attendance of a school during a reporting period (normally a school year) divided by the number of days school is in session during this period. Only days on which the pupils are under the guidance and direction of teachers should be considered days in session.

Average daily membership (ADM) The aggregate membership of a school during a reporting period (normally a school year) divided by the number of days school is in session during this period. Only days on which the pupils are under the guidance and direction of teachers should be considered as days in session. The average daily membership for groups of schools having varying lengths of terms is the average of the average daily memberships obtained for the individual schools.

Bachelor's degree A degree granted for the successful completion of a baccalaureate program of studies, usually requiring at least 4 years (or equivalent) of full-time college-level study. This includes degrees granted in a cooperative or work-study program.

Books Non-periodical printed publications bound in hard or soft covers, or in loose-leaf format, of at least 49 pages, exclusive of the cover pages; juvenile non-periodical publications of any length found in hard or soft covers.

Budget authority (BA) Authority provided by law to enter into obligations that will result in immediate or future outlays. It may be classified by the period of availability (1-year, multiple-year, no-year), by the timing of congressional action (current or permanent), or by the manner of determining the amount available (definite or indefinite).

Business Program of instruction that prepares individuals for a variety of activities in planning, organizing, directing, and controlling business office systems and procedures.

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Capital outlay Funds for the acquisition of land and buildings; building construction, remodeling, and additions; the initial installation or extension of service systems and other built-in equipment; and site improvement. The category also encompasses architectural and engineering services including the development of blueprints.

Carnegie unit A standard of measurement that represents one credit for the completion of a 1-year course.

Catholic school A private school over which a Roman Catholic church group exercises some control or provides some form of subsidy. Catholic schools for the most part include those operated or supported by: a parish, a group of parishes, a diocese, or a Catholic religious order.

Central cities The largest cities, with 50,000 or more inhabitants, in a Metropolitan Statistical Area (MSA). A smaller city within a MSA may also qualify if it has at least 25,000 inhabitants or has a population of one-third or more of that of the largest city and a minimum population of 25,000. An exception occurs where two cities have contiguous boundaries and constitute, for economic and social purposes, a single community of at least 50,000, the smaller of which must have a population of at least 15,000.

Class size The membership of a class at a given date.

Classroom teacher A staff member assigned the professional activities of instructing pupils in self-contained classes or courses, or in classroom situations. Usually expressed in full-time equivalents.

Cohort A group of individuals that have a statistical factor in common, for example, year of birth.

College A postsecondary school which offers general or liberal arts education, usually leading to an associate, bachelor's, master's, doctor's, or first-professional degree. Junior colleges and community colleges are included under this terminology.

Combined elementary and secondary school A school which encompasses instruction at both the elementary and the secondary levels. Includes schools starting with grade 6 or below and ending with grade 9 or above.

Computer science A group of instructional programs that describes computer and information sciences, including computer programming, data processing, and information systems.

Constant dollars Dollar amounts that have been adjusted by means of price and cost indexes to eliminate inflationary factors and allow direct comparison across years.

Consumer, personal, and miscellaneous services A group of instructional programs that describes the fundamental skills a person is normally thought to need in order to function productively in society. Some examples are child development, consumer education, and family relations.

Consumer Price Index (CPI) This price index measures the average change in the cost of a fixed market basket of goods and services purchased by consumers.

Consumption That portion of income which is spent on the purchase of goods and services rather than being saved.

Control of institutions A classification of institutions of elementary/secondary or higher education by whether the institution is operated by publicly elected or appointed officials (public control) or by privately elected or appointed officials and derives its major source of funds from private sources (private control).

Credit The unit of value, awarded for the successful completion of certain courses, intended to indicate the quantity of course instruction in relation to the total requirements for a diploma, certificate, or degree. Credits are frequently expressed in terms such as "Carnegie units," "semester credit hours," and "quarter credit hours."

Current dollars Dollar amounts that have not been adjusted to compensate for inflation.

Current expenditures (elementary/secondary) The expenditures for operating local public schools, excluding capital outlay and interest on school debt. These expenditures include such items as salaries for school personnel, fixed charges, student transportation, school books and materials, and energy costs. Beginning in 1980–81, expenditures for state administration are excluded.

Current expenditures per pupil in average daily attendance Current expenditures for the regular school term divided by the average daily attendance of full-time pupils (or full-time equivalency of pupils) during the term. See also Current expenditures and Average daily attendance.

Current-fund expenditures (higher education) Money spent to meet current operating costs, including salaries, wages, utilities, student services, public services, research libraries, scholarships and fellowships, auxiliary enterprises, hospitals, and independent operations. Excludes loans, capital expenditures, and investments.

Current-fund revenues (higher education) Money received during the current fiscal year from revenue which can be used to pay obligations currently due, and surpluses reappropriated for the current fiscal year.

Current Population Survey See Guide to Sources.

Degree-granting institutions Postsecondary institutions that are eligible for Title IV federal financial-aid programs and grant an associate's or higher degree. For an institution to be eligible to participate in Title IV financial-aid programs it must offer a program of at least 300 clock hours in length, have accreditation recognized by the U.S. Department of Education, have been in business for at least 2 years, and have signed a participation agreement with the Department.

Disposable personal income Current income received by persons less their contributions for social insurance, personal tax, and nontax payments. It is the income available to persons for spending and saving. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated mainly by the government. See also Personal income.

Doctor's degree An earned degree carrying the title of Doctor. The Doctor of Philosophy degree (Ph.D.) is the highest academic degree and requires mastery within a field of knowledge and demonstrated ability to perform scholarly research. Other doctorates are awarded for fulfilling specialized requirements in professional fields, such as education (Ed.D.), musical arts (D.M.A.), business administration (D.B.A.), and engineering (D.Eng. or D.E.S.). Many doctor's degrees in academic and professional fields require an earned master's degree as a prerequisite. First-professional degrees, such as M.D. and D.D.S., are not included under this heading.

Educational and general expenditures The sum of current funds expenditures on instruction, research, public service, academic support, student services, institutional support, operation and maintenance of plant, and awards from restricted and unrestricted funds.

Educational attainment The highest grade of regular school attended and completed.

Elementary education/programs Learning experiences concerned with the knowledge, skills, appreciations, attitudes, and behavioral characteristics which are considered to be needed by all pupils in terms of their awareness of life within our culture and the world of work, and which normally may be achieved during the elementary school years (usually kindergarten through grade 8 or kindergarten through grade 6), as defined by applicable state laws and regulations.

Elementary school A school classified as elementary by state and local practice and composed of any span of grades not above grade 8. A preschool or kindergarten school is included under this heading only if it is an integral part of an elementary school or a regularly established school system.

Elementary/secondary school As reported in this publication, includes only regular schools (i.e., schools that are part of state and local school systems, and also most not-for-profit private elementary/secondary schools, both religiously affiliated and nonsectarian). Schools not reported include subcollegiate departments of institutions of higher education, residential schools for exceptional children, federal schools for American Indians, and federal schools on military posts and other federal installations.

Employment Includes civilian, noninstitutional persons who: (1) worked during any part of the survey week as paid employees; worked in their own business, profession, or farm; or worked 15 hours or more as unpaid workers in a family-owned enterprise; or (2) were not working but had jobs or businesses from which they were temporarily absent due to illness, bad weather, vacation, labor-management dispute, or personal reasons whether or not they were seeking another job.

Endowment A trust fund set aside to provide a perpetual source of revenue from the proceeds of the endowment investments. Endowment funds are often created by donations from benefactors of an institution, who may designate the use of the endowment revenue. Normally, institutions or their representatives manage the investments, but they are not permitted to spend the endowment fund itself, only the proceeds from the investments. Typical uses of endowments would be an endowed chair for a particular department or for a scholarship fund. Endowment totals tabulated in this book also include funds functioning as endowments, such as funds left over from the previous year and placed with the endowment investments by the institution. These funds may be withdrawn by the institution and spent as current funds at any time. Endowments are evaluated by two different measures, book value and market value. Book value is the purchase price of the endowment investment. Market value is the current worth of the endowment investment. Thus, the book value of a stock held in an endowment fund would be the purchase price of the stock. The market value of the stock would be its selling price as of a given day.

Engineering Instructional programs that describe the mathematical and natural science knowledge gained by study, experience, and practice and applied with judgment to develop ways to utilize the materials and forces of nature economically for the benefit of mankind. Include programs that prepare individuals to support and assist engineers and similar professionals.

English A group of instructional programs that describes the English language arts, including composition, creative writing, and the study of literature.

Enrollment The total number of students registered in a given school unit at a given time, generally in the fall of a year.

Expenditures Charges incurred, whether paid or unpaid, which are presumed to benefit the current fiscal year. For elementary/secondary schools, these include all charges for current outlays plus capital outlays and interest on school debt. For institutions of higher education, these include current outlays plus capital outlays. For government, these include charges net of recoveries and other correcting transactions other than for retirement of debt, investment in securities, extension of credit, or as agency transactions. Government expenditures include only external transactions, such as the provision of perquisites or other payments in kind. Aggregates for groups of governments exclude intergovernmental transactions among the governments.

Expenditures per pupil Charges incurred for a particular period of time divided by a student unit of measure, such as average daily attendance or average daily membership.

Extracurricular activities Activities that are not part of the required curriculum and that take place outside of the regular course of study. As used here, they include both school-sponsored (e.g., varsity athletics, drama, and debate clubs) and community-sponsored (e.g., hobby clubs and youth organizations like the Junior Chamber of Commerce or Boy Scouts) activities.

Family A group of two persons or more (one of whom is the householder) related by birth, marriage, or adoption and residing together. All such persons (including related subfamily members) are considered as members of one family.

Federal funds Amounts collected and used by the federal government for the general purposes of the government. There are four types of federal fund accounts: the general fund, special funds, public enterprise funds, and intragovernmental funds. The major federal fund is the general fund, which is derived from general taxes and borrowing. Federal funds also include certain earmarked collections, such as those generated by and used to finance a continuing cycle of business-type operations.

Federal sources Includes federal appropriations, grants, and contracts, and federally-funded research and development centers (FFRDCs). Federally subsidized student loans and Pell Grants are not included.

First-professional degree A degree that signifies both completion of the academic requirements for beginning practice in a given profession and a level of professional skill beyond that normally required for a bachelor's degree. This degree usually is based on a program requiring at least 2 academic years of work prior to entrance and a total of at least 6 academic years of work to complete the degree program, including both prior-required college work and the professional program itself. By NCES definition, first-professional degrees are awarded in the fields of dentistry (D.D.S. or D.M.D.), medicine (M.D.), optometry (O.D.), osteopathic medicine (D.O.), pharmacy (D.Phar.), podiatric medicine (D.P.M.), veterinary medicine (D.V.M.), chiropractic (D.C. or D.C.M.), law (J.D.), and theological professions (M.Div. or M.H.L.).

First-professional enrollment The number of students enrolled in a professional school or program which requires at least 2 years of academic college work for entrance and a total of at least 6 years for a degree. By NCES definition, first-professional enrollment includes only students in certain programs. (See First-professional degree for a list of programs.)

Fiscal year The yearly accounting period for the federal government, which begins on October 1 and ends on the following September 30. The fiscal year is designated by the calendar year in which it ends; e.g., fiscal year 1988 begins on October 1, 1987, and ends on September 30, 1988. (From fiscal year 1844 to fiscal year 1976, the fiscal year began on July 1 and ended on the following June 30.)

Foreign languages A group of instructional programs that describes the structure and use of language that is common or indigenous to people of the same community or nation, the same geographical area, or the same cultural traditions. Programs cover such features as sound, literature, syntax, phonology, semantics, sentences, prose, and verse, as well as the development of skills and attitudes used in communicating and evaluating thoughts and feelings through oral and written language.

Full-time enrollment The number of students enrolled in higher education courses with total credit load equal to at least 75 percent of the normal full-time course load.

Full-time-equivalent (FTE) enrollment For institutions of higher education, enrollment of full-time students, plus the full-time equivalent of part-time students. The full-time equivalent of the part-time students is estimated using different factors depending on the type and control of institution and level of student.

Full-time instructional faculty Those members of the instruction/research staff who are employed full time as defined by the institution, including faculty with released time for research and faculty on sabbatical leave. Full time counts exclude faculty who are employed to teach less than two semesters, three quarters, two trimesters, or two 4-month sessions; replacements for faculty on sabbatical leave or those on leave without pay; faculty for preclinical and clinical medicine; faculty who are donating their services; faculty who are members of military organizations and paid on a different pay scale from civilian employees; academic officers, whose primary duties are administrative; and graduate students who assist in the instruction of courses.

Full-time worker In educational institutions, an employee whose position requires being on the job on school days throughout the school year at least the number of hours the schools are in session. For higher education, a member of an educational institution's staff who is employed full time.

General administration support services Includes salary, benefits, supplies, and contractual fees for boards of education staff and executive administration. Excludes state administration.

General Educational Development (GED) program Academic instruction to prepare persons to take the high school equivalency examination. See GED recipient.

GED recipient A person who has obtained certification of high school equivalency by meeting state requirements and passing an approved exam, which is intended to provide an appraisal of the person's achievement or performance in the broad subject matter areas usually required for high school graduation.

General program A program of studies designed to prepare students for the common activities of a citizen, family member, and worker. A general program of studies may include instruction in both academic and vocational areas.

Geographic region (1) One of four regions used by the Bureau of Economic Analysis of the U.S. Department of Commerce, the National Assessment of Educational Progress, and the National Education Association, as follows: (The National Education Association designated the Central region as Middle region in its classification.)

Northeast

Connecticut
Delaware
District of Columbia
Maine
Maryland
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island
Vermont

Southeast

Alabama
Arkansas
Florida
Georgia
Kentucky
Louisiana
Mississippi
North Carolina
South Carolina
Tennessee
Virginia
West Virginia

Central (Middle)

Illinois
Indiana
Iowa
Kansas
Michigan
Minnesota
Missouri
Nebraska
North Dakota
Ohio
South Dakota
Wisconsin

West

Alaska
Arizona
California
Colorado
Hawaii
Idaho
Montana
Nevada
New Mexico
Oklahoma
Oregon
Texas
Utah
Washington
Wyoming

(2) One of the regions or divisions used by the U.S. Bureau of the Census in Current Population Survey tabulations, as follows:

Northeast

(New England)
Maine
New Hampshire
Vermont
Massachusetts
Rhode Island
Connecticut

Midwest

(East North Central)
Ohio
Indiana
Illinois
Michigan
Wisconsin

(Middle Atlantic)
New York
New Jersey
Pennsylvania

(West North Central)
Minnesota
Iowa
Missouri
North Dakota
South Dakota
Nebraska
Kansas

South

(South Atlantic)
Delaware
Maryland
District of Columbia
Virginia
West Virginia
North Carolina
South Carolina
Georgia
Florida

(East South Central)
Kentucky
Tennessee
Alabama
Mississippi

(West South Central)
Arkansas
Louisiana
Oklahoma
Texas

West

(Mountain)
Montana
Idaho
Wyoming
Colorado
New Mexico
Arizona
Utah
Nevada

(Pacific)
Washington
Oregon
California
Alaska
Hawaii

Government appropriation An amount (other than a grant or contract) received from or made available to an institution through an act of a legislative body.

Government grant or contract Revenues from a government agency for a specific research project or other program.

Graduate An individual who has received formal recognition for the successful completion of a prescribed program of studies.

Graduate enrollment The number of students who hold the bachelor's or first-professional degree, or the equivalent, and who are working towards a master's or doctor's degree. First-professional students are counted separately. These enrollment data measure those students who are registered at a particular time during the fall. At some institutions, graduate enrollment also includes students who are in postbaccalaureate classes, but not in degree programs. In specified tables, graduate enrollment includes all students in regular graduate programs and all students in postbaccalaureate classes, but not in degree programs (unclassified postbaccalaureate students).

Graduate Record Examination (GRE) Multiple-choice examinations administered by the Educational Testing Service and taken by college students who are intending to attend certain graduate schools. The tests are offered in a variety of subject areas. Ordinarily, a student will take only the exam that applies to the intended field of study.

Graduation Formal recognition given an individual for the successful completion of a prescribed program of studies.

Gross domestic product (GDP) The total national output of goods and services valued at market prices. GDP can be viewed in terms of expenditure categories which include purchases of goods and services by consumers and government, gross private domestic investment, and net exports of goods and services. The goods and services included are largely those bought for final use (excluding illegal transactions) in the market economy. A number of inclusions, however, represent imputed values, the most important of which is rental value of owner-occupied housing. GDP, in this broad context, measures the output attributable to the factors of production—labor and property—supplied by U.S. residents.

Handicapped Those children evaluated as having any of the following impairments, who because of these impairments need special education and related services. (These definitions apply specifically to data from the U.S. Office of Special Education and Rehabilitative Services presented in this publication.)

Deaf Having a hearing impairment which is so severe that the student is impaired in processing linguistic information through hearing (with or without amplification) and which adversely affects educational performance.

Deaf-blind Having concomitant hearing and visual impairments which cause such severe communication and other developmental and educational problems that the student cannot be accommodated in special education programs solely for deaf or blind students.

Hard of hearing Having a hearing impairment, whether permanent or fluctuating, which adversely affects the student's educational performance, but which is not included under the definition of "deaf" in this section.

Mentally retarded Having significantly subaverage general intellectual functioning, existing concurrently with defects in adaptive behavior and manifested during the developmental period, which adversely affects the child's educational performance.

Multihandicapped Having concomitant impairments (such as mentally retarded-blind, mentally retarded-orthopedically impaired, etc.), the combination of which causes such severe educational problems that the student cannot be accommodated in special education programs solely for one of the impairments. Term does not include deaf-blind students, but does include those students who are severely or profoundly mentally retarded.

Orthopedically impaired Having a severe orthopedic impairment which adversely affects a student's educational performance. The term includes impairment resulting from congenital anomaly, disease, or other causes.

Other health impaired Having limited strength, vitality, or alertness due to chronic or acute health problems, such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes which adversely affects the student's educational performance.

Seriously emotionally disturbed Exhibiting one or more of the following characteristics over a long period of time, to a marked degree, and adversely affecting educational performance: an inability to learn which cannot be explained by intellectual, sensory, or health factors; an inability to build or maintain satisfactory interpersonal relationships with peers and teachers; inappropriate types of behavior or feelings under normal circumstances; a general pervasive mood of unhappiness or depression; or a tendency to develop physical symptoms or fears associated with personal or school problems. This term does not include children who are socially maladjusted, unless they also display one or more of the listed characteristics.

Specific learning disabled Having a disorder in one or more of the basic psychological processes involved in understanding or in using spoken or written language, which may manifest itself in an imperfect ability to listen, think, speak, read, write, spell, or do mathematical calculations. The term includes such conditions as perceptual handicaps, brain injury, minimal brain dysfunction, dyslexia, and developmental aphasia. The term does not include children who have learning problems which are primarily the result of visual, hearing, or environmental, cultural, or economic disadvantage.

Speech impaired Having a communication disorder, such as stuttering, impaired articulation, language impairment, or voice impairment, which adversely affects the student's educational performance.

Visually handicapped Having a visual impairment which, even with correction, adversely affects the student's educational performance. The term includes partially seeing and blind children.

Higher education Study beyond secondary school at an institution that offers programs terminating in an associate, baccalaureate, or higher degree.

Higher education institutions (alternative classification)

Doctoral-granting Characterized by a significant level and breadth of activity in commitment to doctoral-level education as measured by the number of doctorate recipients and the diversity in doctoral-level program offerings.

Comprehensive Characterized by diverse post-baccalaureate programs (including first-professional), but not engaged in significant doctoral-level education.

General baccalaureate Characterized by primary emphasis on general undergraduate, baccalaureate-level education. Not significantly engaged in postbaccalaureate education.

Specialized Baccalaureate or postbaccalaureate institution emphasizing one area (plus closely related specialties), such as business or engineering. The programmatic emphasis is measured by the percentage of degrees granted in the program area.

2-year Conferring at least 75 percent of its degrees and awards for work below the bachelor's level.

New These institutions, though not necessarily newly organized, are new additions to the Integrated Postsecondary Education Data survey universe. When degree and award data become available, they will be reclassified.

Nondegree-granting Offering undergraduate or graduate study, but not conferring degrees or awards. In this volume, these institutions are included under Specialized.

Higher education institutions (traditional classification)

4-year institution An institution legally authorized to offer and offering at least a 4-year program of college-level studies wholly or principally creditable toward a baccalaureate degree. In some tables, a further division between universities and other 4-year institutions is made. A "university" is a postsecondary institution which typically comprises one or more graduate professional schools (also see University). For purposes of trend comparisons in this volume, the selection of universities has been held constant for all tabulations after 1982. "Other 4-year institutions" would include the rest of the nonuniversity 4-year institutions.

2-year institution An institution legally authorized to offer and offering at least a 2-year program of college-level studies which terminates in an associate degree or is principally creditable toward a baccalaureate degree. Also includes some institutions that have a less than 2-year program, but were designated as institutions of higher education in the Higher Education General Information Survey.

Higher Education Price Index A price index which measures average changes in the prices of goods and services purchased by colleges and universities through current-fund education and general expenditures (excluding expenditures for sponsored research and auxiliary enterprises).

High school A secondary school offering the final years of high school work necessary for graduation, usually includes grades 10, 11, 12 (in a 6–3–3 plan) or grades 9, 10, 11, and 12 (in a 6–2–4 plan).

High school program A program of studies designed to prepare students for their postsecondary education and occupation. Three types of programs are usually distinguished—academic, vocational, and general. An academic program is designed to prepare students for continued study at a college or university. A vocational program is designed to prepare students for employment in one or more semiskilled, skilled, or technical occupations. A general program is designed to provide students with the understanding and competence to function effectively in a free society and usually represents a mixture of academic and vocational components.

Historically black colleges and universities Accredited institutions of higher education established prior to 1964 with the principal mission of educating black Americans. Federal regulations (20 USC 1061 (2)) allow for certain exceptions of the founding date.

Household All the persons who occupy a housing unit. A house, apartment, or other group of rooms, or a single room, is regarded as a housing unit when it is occupied or intended for occupancy as separate living quarters, that is, when the occupants do not live and eat with any other persons in the structure, and there is direct access from the outside or through a common hall.

Housing unit A house, an apartment, a mobile home, a group of rooms, or a single room that is occupied as separate living quarters.

Imaginative writing This type of writing can take a variety of forms, such as stories, poems, plays, or lyrics. It represents a special approach to sharing experiences and understanding the world and ourselves. In this form of writing, special attention is given to rhythm and tone; the use of anecdote; the presence of metaphor and simile; shifts in plots; and the unexpected use of words, phrases, or punctuation.

Income tax Taxes levied on net income, that is, on gross income less certain deductions permitted by law. These taxes can be levied on individuals or on corporations or unincorporated businesses where the income is taxed distinctly from individual income.

Independent operations A group of self-supporting activities under control of a college or university. For purposes of financial surveys conducted by the National Center for Education Statistics, this category is composed principally of federally funded research and development centers (FFRDC).

Informative writing This type of writing is used to share information and to convey messages, directions, and ideas. It often involves reporting or retelling events or experiences that have already occurred.

Institutional support The category of higher education expenditures that includes day-to-day operational support for colleges, excluding expenditures for physical plant operations. Examples of institutional support include general administrative services, executive direction and planning, legal and fiscal operations, and community relations.

Instruction That category including expenditures of the colleges, schools, departments, and other instructional divisions of higher education institutions and expenditures for departmental research and public service which are not separately budgeted. Includes expenditures for both credit and noncredit activities. Excludes expenditures for academic administration where the primary function is administration (e.g., academic deans).

Instruction (elementary and secondary) Instruction encompasses all activities dealing directly with the interaction between teachers and students. Teaching may be provided for students in a school classroom, in another location such as a home or hospital, and in other learning situations such as those involving co-curricular activities. Instruction may be provided through some other approved medium, such as television, radio, telephone, and correspondence. Instruction expenditures include: salaries, employee benefits, purchased services, supplies, and tuition to private schools.

Instructional staff Full-time-equivalent number of positions, not the number of different individuals occupying the positions during the school year. In local schools, includes all public elementary and secondary (junior and senior high) day-school positions that are in the nature of teaching or in the improvement of the teaching-learning situation. Includes consultants or supervisors of instruction, principals, teachers, guidance personnel, librarians, psychological personnel, and other instructional staff. Excludes administrative staff, attendance personnel, clerical personnel, and junior college staff.

Instructional support services Includes salary, benefits, supplies, and contractual fees for staff providing instructional improvement, educational media (library and audiovisual), and other instructional support services.

Junior high school A separately organized and administered secondary school intermediate between the elementary and senior high schools, usually includes grades 7, 8, and 9 (in a 6–3–3 plan) or grades 7 and 8 (in a 6–2–4 plan).

Labor force Persons employed as civilians, unemployed (but looking for work), or in the armed services during the survey week. The "civilian labor force" comprises all civilians classified as employed or unemployed.

Land-grant colleges The First Morrill Act of 1862 facilitated the establishment of colleges through grants of land or funds in lieu of land. The Second Morrill Act in 1890 provided for money grants and for the establishment of black land-grant colleges and universities in those states with dual systems of higher education.

Local education agency See School district.

Mandatory transfer A transfer of current funds that must be made in order to fulfill a binding legal obligation of the institution. Included under mandatory transfers are debt service provisions relating to academic and administrative buildings, including (1) amounts set aside for debt retirement and interest and (2) required provisions for renewal and replacement of buildings to the extent these are not financed from other funds.

Master's degree A degree awarded for successful completion of a program generally requiring 1 or 2 years of full-time college-level study beyond the bachelor's degree. One type of master's degree, including the Master of Arts degree, or M.A., and the Master of Science degree, or M.S., is awarded in the liberal arts and sciences for advanced scholarship in a subject field or discipline and demonstrated ability to perform scholarly research. A second type of master's degree is awarded for the completion of a professionally oriented program, for example, an M.Ed. in education, an M.B.A. in business administration, an M.F.A. in fine arts, an M.M. in music, an M.S.W. in social work, and an M.P.A. in public administration. A third type of master's degree is awarded in professional fields for study beyond the first-professional degree, for example, the Master of Laws (L.L.M.) and Master of Science in various medical specializations.

Mathematics A group of instructional programs that describes the science of numbers and their operations, interrelations, combinations, generalizations, and abstractions and of space configurations and their structure, measurement, transformations, and generalizations.

Mean test score The score obtained by dividing the sum of the scores of all individuals in a group by the number of individuals in that group.

Metropolitan population The population residing in Metropolitan Statistical Areas (MSAs). See Metropolitan Statistical Area.

Metropolitan Statistical Area (MSA) A large population nucleus and the nearby communities which have a high degree of economic and social integration with that nucleus. Each MSA consists of one or more entire counties (or county equivalents) that meet specified standards pertaining to population, commuting ties, and metropolitan character. In New England, towns and cities, rather than counties, are the basic units. MSAs are designated by the Office of Management and Budget. An MSA includes a city and, generally, its entire urban area and the remainder of the county or counties in which the urban area is located. An MSA also includes such additional outlying counties which meet specified criteria relating to metropolitan character and level of commuting of workers into the central city or counties. Specified criteria governing the definition of MSAs recognized before 1980 are published in *Standard Metropolitan Statistical Areas: 1975,* issued by the Office of Management and Budget. New MSAs were designated when 1980 counts showed that they met one or both of the following criteria:

1. Included a city with a population of at least 50,000 within their corporate limits, or

2. Included a Census Bureau-defined urbanized area (which must have a population of at least 50,000) and a total MSA population of at least 100,000 (or, in New England, 75,000).

Migration Geographic mobility involving a change of usual residence between clearly defined geographic units, that is, between counties, states, or regions.

Minimum-competency testing Measuring the acquisition of competence or skills to or beyond a certain specified standard.

National Assessment of Educational Progress (NAEP) See Guide to Sources.

Newly qualified teacher Persons who: (1) first became eligible for a teaching license during the period of the study referenced or who were teaching at the time of survey, but were not certified or eligible for a teaching license; and (2) had never held full-time, regular teaching positions (as opposed to substitute) prior to completing the requirements for the degree which brought them into the survey.

Nonmetropolitan residence group The population residing outside Metropolitan Statistical Areas. See Metropolitan Statistical Area.

Nonprofit institution A private institution in which the individual(s) or agency in control receives compensation other than wages, rent, or other expenses for the assumption of risk. Nonprofit institutions may be either independent nonprofit (i.e., having no religious affiliation) or religiously affiliated.

Nonresident alien A person who is not a citizen of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

Nonsupervisory instructional staff Persons such as curriculum specialists, counselors, librarians, remedial specialists, and others possessing education certification, but not responsible for day-to-day teaching of the same group of pupils.

Normal school A normal school was an institution which was engaged primarily in the preparation of teachers for positions in elementary and secondary schools. Prior to 1900, normal schools were often secondary schools with teacher training programs. During the early 20th century, normal schools gradually developed into higher education institutions.

Obligations Amounts of orders placed, contracts awarded, services received, or similar legally binding commitments made by federal agencies during a given period that will require outlays during the same or some future period.

Occupational home economics Courses of instruction emphasizing the acquisition of competencies needed for getting and holding a job or preparing for advancement in an occupational area using home economics knowledge and skills.

Occupied housing unit Separate living quarters with occupants currently inhabiting the unit.

Off-budget federal entities Organizational entities, federally owned in whole or in part, whose transactions belong in the budget under current budget accounting concepts, but that have been excluded from the budget totals under provisions of law.

Operation and maintenance services Includes salary, benefits, supplies, and contractual fees for supervision of operations and maintenance, operating buildings (heating, lighting, ventilating, repair, and replacement), care and upkeep of grounds and equipment, vehicle operations and maintenance (other than student transportation), security, and other operations and maintenance services.

Other foreign languages and literatures Any instructional program in foreign languages and literatures not described in table 253, including language groups and individual languages, such as the non-Semitic African languages, Native American languages, the Celtic languages, Pacific language groups, the Ural-Altaic languages, Basque, and others.

Other support services Includes salary, benefits, supplies, and contractual fees for business support services, central support services, and other support services not otherwise classified.

Other support services staff All staff not reported in other categories. This group includes media personnel, social workers, bus drivers, security, cafeteria workers, and other staff.

Outlays The value of checks issued, interest accrued on the public debt, or other payments made, net of refunds and reimbursements.

Part-time enrollment The number of students enrolled in higher education courses with a total credit load less than 75 percent of the normal full-time credit load.

Per capita income The mean income computed for every man, woman, and child in a particular group. It is derived by dividing the total income of a particular group by the total population in that group.

Personal income Current income received by persons from all sources, minus their personal contributions for social insurance. Classified as "persons" are individuals (including owners of unincorporated firms), nonprofit institutions serving individuals, private trust funds, and private noninsured welfare funds. Personal income includes transfers (payments not resulting from current production) from government and business such as social security benefits and military pensions, but excludes transfers among persons.

Persuasive writing This type of writing attempts to bring about some action or change. Its primary purpose is to influence others. It is concerned with the positions, beliefs, and attitudes of the readers.

Physical plant assets Includes the values of land, buildings, and equipment owned, rented, or utilized by colleges. Does not include those plant values which are a part of endowment or other capital fund investments in real estate. Excludes construction in progress.

Postbaccalaureate enrollment The number of graduate and first-professional students working towards advanced degrees and of students enrolled in graduate-level classes, but not enrolled in degree programs. See also Graduate enrollment and First-professional enrollment.

Postsecondary education The provision of formal instructional programs with a curriculum designed primarily for students who have completed the requirements for a high school diploma or equivalent. This includes programs of an academic, vocational, and continuing professional education purpose, and excludes avocational and adult basic education programs.

Private school or institution A school or institution which is controlled by an individual or agency other than a state, a subdivision of a state, or the federal government, which is usually supported primarily by other than public funds, and the operation of whose program rests with other than publicly elected or appointed officials. Private schools and institutions include both nonprofit and proprietary institutions.

Property tax The sum of money collected from a tax levied against the value of property.

Proprietary (for profit) institution A private institution in which the individual(s) or agency in control receives compensation other than wages, rent, or other expenses for the assumption of risk.

Public school or institution A school or institution controlled and operated by publicly elected or appointed officials and deriving its primary support from public funds.

Pupil-teacher ratio The enrollment of pupils at a given period of time, divided by the full-time-equivalent number of classroom teachers serving these pupils during the same period.

Racial/ethnic group Classification indicating general racial or ethnic heritage based on self-identification, as in data collected by the U.S. Bureau of the Census or on observer identification, as in data collected by the Office for Civil Rights. These categories are in accordance with the Office of Management and Budget standard classification scheme presented below:

White A person having origins in any of the original peoples of Europe, North Africa, or the Middle East. Normally excludes persons of Hispanic origin except for tabulations produced by the U.S. Bureau of the Census, which are noted accordingly in this volume.

Black A person having origins in any of the black racial groups in Africa. Normally excludes persons of Hispanic origin except for tabulations produced by the U.S. Bureau of the Census, which are noted accordingly in this volume.

Hispanic A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

Asian or Pacific Islander A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes, for example, China, India, Japan, Korea, the Philippine Islands, and Samoa.

American Indian or Alaskan Native A person having origins in any of the original peoples of North America and maintaining cultural identification through tribal affiliation or community recognition.

Remedial education Instruction for a student lacking those reading, writing, or math skills necessary to perform college-level work at the level required by the attended institution.

Resident population Includes civilian population and armed forces personnel residing within the United States. Excludes armed forces personnel residing overseas.

Revenue All funds received from external sources, net of refunds, and correcting transactions. Noncash transactions, such as receipt of services, commodities, or other receipts in kind are excluded, as are funds received from the issuance of debt, liquidation of investments, and nonroutine sale of property.

Salary The total amount regularly paid or stipulated to be paid to an individual, before deductions, for personal services rendered while on the payroll of a business or organization.

Sales and services Revenues derived from the sales of goods or services that are incidental to the conduct of instruction, research, or public service. Examples include film rentals, scientific and literary publications, testing services, university presses, and dairy products.

Sales tax Tax imposed upon the sale and consumption of goods and services. It can be imposed either as a general tax on the retail price of all goods and services sold or as a tax on the sale of selected goods and services.

Scholarships and fellowships This category of college expenditures applies only to money given in the form of outright grants and trainee stipends to individuals enrolled in formal coursework, either for credit or not. Aid to students in the form of tuition or fee remissions is included. College work-study funds are excluded and are reported under the program in which the student is working. In the tabulations in this volume, Pell Grants are not included in this expenditure category.

Scholastic Assessment Test (SAT) An examination administered by the Educational Testing Service and used to predict the facility with which an individual will progress in learning college-level academic subjects.

School A division of the school system consisting of students in one or more grades or other identifiable groups and organized to give instruction of a defined type. One school may share a building with another school or one school may be housed in several buildings.

School administration support services Includes salary, benefits, supplies, and contractual fees for the office of the principal, full-time department chairpersons, and graduation expenses.

School climate The social system and culture of the school, including the organizational structure of the school and values and expectations within it.

School district An education agency at the local level that exists primarily to operate public schools or to contract for public school services. Synonyms are "local basic administrative unit" and "local education agency."

Science The body of related courses concerned with knowledge of the physical and biological world and with the processes of discovering and validating this knowledge.

Secondary instructional level The general level of instruction provided for pupils in secondary schools (generally covering grades 7 through 12 or 9 through 12) and any instruction of a comparable nature and difficulty provided for adults and youth beyond the age of compulsory school attendance.

Secondary school A school comprising any span of grades beginning with the next grade following an elementary or middle school (usually 7, 8, or 9) and ending with or below grade 12. Both junior high schools and senior high schools are included.

Secondary enrollment The total number of students registered in a school beginning with the next grade following an elementary or middle school (usually 7, 8, or 9) and ending with or below grade 12 at a given time.

Senior high school A secondary school offering the final years of high school work necessary for graduation.

Serial volumes Publications issued in successive parts, usually at regular intervals, and as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals, memoirs, proceedings, and transactions of societies.

Social studies A group of instructional programs that describes the substantive portions of behavior, past and present activities, interactions, and organizations of people associated together for religious, benevolent, cultural, scientific, political, patriotic, or other purposes.

Socioeconomic status (SES) For the High School and Beyond study and the National Longitudinal Study of the High School Class of 1972, the SES index is a composite of five equally weighted, standardized components: father's education, mother's education, family income, father's occupation, and household items. The terms high, middle, and low SES refer to the upper, middle two, and lower quartiles of the weighted SES composite index distribution.

Special education Direct instructional activities or special learning experiences designed primarily for students identified as having exceptionalities in one or more aspects of the cognitive process or as being underachievers in relation to general level or model of their overall abilities. Such services usually are directed at students with the following conditions: (1) physically handicapped; (2) emotionally handicapped; (3) culturally different, including compensatory education; (4) mentally retarded; and (5) students with learning disabilities. Programs for the mentally gifted and talented are also included in some special education programs. See also Handicapped.

Standardized test A test composed of a systematic sampling of behavior, administered and scored according to specific instructions, capable of being interpreted in terms of adequate norms, and for which there are data on reliability and validity.

Standardized test performance The weighted distributions of composite scores from standardized tests used to group students according to performance.

Standard Metropolitan Statistical Area (SMSA) See Metropolitan Statistical Area (MSA).

Student An individual for whom instruction is provided in an educational program under the jurisdiction of a school, school system, or other education institution. No distinction is made between the terms "student" and "pupil," though "student" may refer to one receiving instruction at any level while "pupil" refers only to one attending school at the elementary or secondary level. A student may receive instruction in a school facility or in another location, such as at home or in a hospital. Instruction may be provided by direct student-teacher interaction or by some other approved medium such as television, radio, telephone, and correspondence.

Student support services Includes salary, benefits, supplies, and contractual fees for staff providing attendance and social work, guidance, health, psychological services, speech pathology, audiology, and other support to students.

Subject-matter club Organizations that are formed around a shared interest in a particular area of study and whose primary activities promote that interest. Examples of such organizations are math, science, business, and history clubs.

Supervisory staff Principals, assistant principals, and supervisors of instruction. Does not include superintendents or assistant superintendents.

Tax base The collective value of objects, assets, and income components against which a tax is levied.

Tax expenditures Losses of tax revenue attributable to provisions of the federal income tax laws that allow a special exclusion, exemption, or deduction from gross income or provide a special credit, preferential rate of tax, or a deferral of tax liability affecting individual or corporate income tax liabilities.

Technical education A program of vocational instruction that ordinarily includes the study of the sciences and mathematics underlying a technology, as well as the methods, skills, and materials commonly used and the services performed in the technology. Technical education prepares individuals for positions—such as draftsman or lab technician—in the occupational area between the skilled craftsman and the professional person.

Total expenditure per pupil in average daily attendance Includes all expenditures allocable to per pupil costs divided by average daily attendance. These allocable expenditures include current expenditures for regular school programs, interest on school debt, and capital outlay. Beginning in 1980–81, expenditures for state administration are excluded and expenditures for other programs (summer schools, community colleges, and private schools) are included.

Trade and industrial occupations The branch of vocational education which is concerned with preparing persons for initial employment or with updating or retraining workers in a wide range of trade and industrial occupations. Such occupations are skilled or semiskilled and are concerned with layout designing, producing, processing, assembling, testing, maintaining, servicing, or repairing any product or commodity.

Transcript An official list of all courses taken by a student at a school or college showing the final grade received for each course, with definitions of the various grades given at the institution.

Trust funds Amounts collected and used by the federal government for carrying out specific purposes and programs according to terms of a trust agreement or statute, such as the social security and unemployment trust funds. Trust fund receipts that are not anticipated to be used in the immediate future are generally invested in interest-bearing government securities and earn interest for the trust fund.

Tuition and fees A payment or charge for instruction or compensation for services, privileges, or the use of equipment, books, or other goods.

Unclassified students Students who are not candidates for a degree or other formal award, although they are taking higher education courses for credit in regular classes with other students.

Unadjusted dollars See **current dollars.**

Undergraduate students Students registered at an institution of higher education who are working in a program leading to a baccalaureate degree or other formal award below the baccalaureate, such as an associate degree.

Unemployed Civilians who had no employment but were available for work and: (1) had engaged in any specific job seeking activity within the past 4 weeks; (2) were waiting to be called back to a job from which they had been laid off; or (3) were waiting to report to a new wage or salary job within 30 days.

U.S. Service Schools These institutions of higher education are controlled by the U.S. Department of Defense and the U.S. Department of Transportation. The 10 institutions counted in the NCES surveys of higher education institutions include: the Air Force Institute of Technology, Community College of the Air Force, Naval Postgraduate School, Uniformed Services University of the Health Sciences, U.S. Air Force Academy, U.S Army Command and General Staff College, U.S. Coast Guard Academy, U.S. Merchant Marine Academy, U.S. Military Academy, and the U.S. Naval Academy.

University An institution of higher education consisting of a liberal arts college, a diverse graduate program, and usually two or more professional schools or faculties and empowered to confer degrees in various fields of study. For purposes of maintaining trend data in this publication, the selection of university institutions has not been revised since 1982.

Visual and performing arts A group of instructional programs that generally describes the historic development, aesthetic qualities, and creative processes of the visual and performing arts.

Vocational education Organized educational programs, services, and activities which are directly related to the preparation of individuals for paid or unpaid employment, or for additional preparation for a career, requiring other than a baccalaureate or advanced degree.

Vocational home economics Vocational courses of instruction emphasizing the acquisition of competencies needed for getting and holding a job or preparing for advancement in an occupational area using home economics knowledge or skills.

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